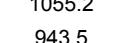
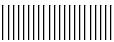
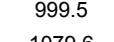

APPENDIX C-2: SOURCE ANALYSIS DATA AND CALCULATIONS (CONTINUED)

	Upper 95%	278.8	262.6	464.7	459.3	514.1	629.3	666.3	523.4	343.5
	Lower 95%	63.5	103.8	135.7	173.0	156.6	186.4	162.5	150.4	14.2
Spruce 4	1995		76.0	174.3	143.6	147.6	89.8		58.3	85.4
	1996	87.1	63.1	115.1	208.4	240.2	213.8	206.2	150.0	124.9
	1997	126.7	59.0	113.9	149.9	199.7	109.5	248.1	239.6	63.5
	1998	109.5	45.3	133.7	128.7	152.3	272.4	312.8	90.0	
	1999	87.4	60.2	176.7	126.6	150.6	240.1	263.6	155.4	79.6
	2000	70.2	148.3	92.9	162.0	60.3	337.4	309.7	151.0	207.2
	Mean	96.2	75.3	134.4	153.2	158.5	210.5	268.1	140.7	112.1
	STDEV	22.0	37.1	34.3	30.1	60.4	95.5	44.7	62.5	57.7
	CV	0.23	0.49	0.26	0.20	0.38	0.45	0.17	0.44	0.52
	Upper 95%	139.4	148.0	201.7	212.2	276.8	397.7	355.6	263.3	225.3
	Lower 95%	53.0	2.7	67.1	94.2	40.1	23.3	180.5	18.2	-1.1
Spruce	1995		793.6	1543.4	1681.3	1626.6	1592.5	1569.8	1697.6	1073.3
	1996	595.5	962.6	1527.0	1524.9	1640.2	1522.6	1340.1	1389.1	1043.1
	1997	490.4	1022.6	1305.8	1615.3	1529.1	1229.5	1541.7	1144.6	744.6
	1998	800.3		1035.3	1277.9	1428.5	1370.8	1642.5	1407.2	692.0
	1999	792.3	492.5	1273.8	1177.6	1151.1	1254.7	915.0	1188.5	691.7
	2000	657.4	506.4	1214.7	1456.1	1556.7	534.0	943.6	1219.0	672.7
	Mean	667.2	755.5	1316.7	1455.5	1488.7	1250.7	1325.5	1341.0	819.6
	STDEV	132.2	248.4	193.5	195.0	182.1	379.3	323.0	205.2	186.6
	CV	0.20	0.33	0.15	0.13	0.12	0.30	0.24	0.15	0.23
	Upper 95%	926.2	1242.5	1695.9	1837.7	1845.6	1994.1	1958.4	1743.2	1185.4
	Lower 95%	408.2	268.6	937.5	1073.3	1131.8	507.3	692.5	938.8	453.8
Sumac	1995		405.8	906.2	854.4	873.0	939.0	1006.8	969.9	937.1
	1996	518.9	510.7	793.0	816.9	871.1	687.3	938.2	687.1	497.5
	1997	510.3	448.5	831.6	881.6	1047.6	1006.8	1290.4	714.8	377.0
	1998	404.0	335.8	537.2	796.5	1010.0	735.6	1012.0	891.7	640.0
	1999	336.9	573.2	931.6	880.0	949.1	730.7	690.2	760.8	538.2
	2000	472.1	648.6	797.6	1125.0	907.1	812.7	966.9	813.5	746.9
	Mean	448.4	487.1	799.5	892.4	943.0	818.7	984.1	806.3	622.8
	STDEV	77.1	114.1	140.5	118.9	73.2	127.9	191.8	108.4	198.9
	CV	0.17	0.23	0.18	0.13	0.08	0.16	0.19	0.13	0.32
	Upper 95%	599.5	710.6	1074.9	1125.5	1086.5	1069.4	1360.0	1018.8	1012.6
	Lower 95%	297.4	263.6	524.1	659.3	799.4	568.0	608.2	593.8	233.0
Tamarack	1995		236.8	670.9	726.2	937.8	813.3	748.5	632.3	892.8
	1996	364.0	370.6	766.4	908.0	780.3	801.3	652.2	627.2	627.3
	1997	392.0	430.5	676.2	985.4	854.6	680.6	565.1	898.1	528.4
	1998	338.7	150.0	687.8	807.4	900.0	659.8	918.0	630.3	872.3
	1999	372.5	301.8	725.0	758.2	899.6	366.1	626.9	334.9	733.7
	2000	241.5	336.2	593.7	841.4	924.1	574.3	811.1	675.3	603.9

		Mean	341.7	304.3	686.7	837.8	882.7	649.2	720.3	633.0	709.7
		STDEV	59.2	99.7	58.0	96.4	57.6	165.5	130.8	179.4	149.3
		CV	0.17	0.33	0.08	0.12	0.07	0.25	0.18	0.28	0.21
		Upper 95%	457.8	499.7	800.4	1026.7	995.7	973.6	976.7	984.7	1002.3
		Lower 95%	225.7	108.9	573.0	648.9	769.8	324.9	463.9	281.3	417.2
Timothy 1	1995		1271.5	2840.8	3420.4	2694.1	2699.7	2582.1	2390.8	2081.1	
	1996	1155.4	1546.0	2444.7	3021.8	3320.6	2613.2	2917.6	2355.1	1999.7	
	1997	1066.9	1732.8	2467.2	2982.1	2555.7	2567.3	2673.6	2408.3	1723.7	
	1998	1192.0		2250.2	2870.8	2703.0	2282.0	2983.4	1936.8	1776.1	
	1999	1560.0	1589.4	2703.5	2657.0	2760.9	2411.3	2247.6	2089.9	1548.1	
	2000	1528.2	1583.8	3026.2	3113.9	2471.4	1961.3	2615.3	2283.1	1696.2	
	Mean	1300.5	1544.7	2622.1	3011.0	2751.0	2422.5	2669.9	2244.0	1804.2	
	STDEV	227.3	168.5	286.9	254.6	298.8	270.8	264.1	190.0	199.7	
	CV	0.17	0.11	0.11	0.08	0.11	0.11	0.10	0.08	0.11	
	Upper 95%	1745.9	1874.9	3184.4	3510.0	3336.6	2953.3	3187.5	2616.4	2195.6	
	Lower 95%	855.1	1214.5	2059.8	2512.0	2165.3	1891.6	2152.3	1871.6	1412.7	
Timothy 2	1995		281.5	672.0	725.6	560.0	457.2	564.9	386.3	512.7	
	1996	262.1	235.7	557.6	708.6	734.2	313.6	576.4	435.6	347.2	
	1997	189.2	373.0	435.4	533.0	538.0	479.5	505.3	315.9	358.2	
	1998	154.5	135.7	370.0	454.2	558.8	535.5	511.5	384.1	56.3	
	1999	288.5	94.2	463.7	478.7	512.4	346.7	438.7	320.4	455.7	
	2000	290.3	265.6	410.1	478.7	267.0	352.4	270.3	453.5	284.1	
	Mean	236.9	231.0	484.8	563.1	528.4	414.2	477.9	382.6	335.7	
	STDEV	61.7	101.7	111.3	122.1	150.3	88.7	112.9	56.9	159.4	
	CV	0.26	0.44	0.23	0.22	0.28	0.21	0.24	0.15	0.47	
	Upper 95%	357.8	430.3	703.0	802.5	823.0	588.0	699.2	494.1	648.2	
	Lower 95%	116.0	31.6	266.6	323.7	233.8	240.3	256.5	271.2	23.2	
Trifolium 3	1995		997.7	1808.9	2249.3	1768.9	1709.5	1843.8	2287.5	1145.6	
	1996	905.9	1208.7	2014.2	2197.1	1741.3	1507.0	2128.0	1931.2	1110.9	
	1997	1055.2	1112.5	2038.2	2036.2	2021.5	2049.2	1902.7	2013.5	1059.7	
	1998	943.5		1711.0	2232.6	2226.1	1676.6	2279.7	1976.9	1074.2	
	1999	1068.0	1145.4	2303.6	2332.7	1835.8	1881.4	1573.6	1533.7	1023.1	
	2000	929.8	1025.2	1819.2	2164.4	2208.0	1531.2	1667.1	1479.9	1774.0	
	Mean	980.5	1097.9	1949.2	2202.1	1966.9	1725.8	1899.2	1870.5	1197.9	
	STDEV	75.4	86.7	215.0	99.2	217.1	208.4	268.4	308.3	285.4	
	CV	0.08	0.08	0.11	0.05	0.11	0.12	0.14	0.16	0.24	
	Upper 95%	1128.3	1267.8	2370.5	2396.4	2392.4	2134.4	2425.1	2474.8	1757.2	
	Lower 95%	832.7	928.0	1527.8	2007.7	1541.5	1317.3	1373.2	1266.1	638.6	
Trifolium 4	1995		968.1	1970.8	1957.3	1891.8	1835.3	1815.0	1878.2	1402.3	
	1996	990.6	1237.0	1973.2	2386.0	1787.0	1547.2	1639.9	1643.2	1187.0	
	1997	999.5	1566.9	2365.0	2441.6	1368.9	937.9	1042.2	1733.4	990.8	
	1998	1079.6		1777.8	2275.1	1858.3	1439.0	1721.3	1760.7	1243.6	
	1999	974.6	1192.8	1908.2	2025.0	1748.2	1711.1	1498.7	1521.3	1357.9	
	2000	781.0	1003.8	1813.2	2146.0	1576.9	1559.8	1612.7	1271.7	1305.2	
	Mean	965.1	1193.7	1968.0	2205.2	1705.2	1505.1	1555.0	1634.8	1247.8	
	STDEV	110.6	238.8	210.4	195.4	198.2	310.6	272.7	214.3	147.7	

	CV	0.11	0.20	0.11	0.09	0.12	0.21	0.18	0.13	0.12
	Upper 95%	1181.8	1661.8	2380.4	2588.1	2093.6	2113.8	2089.5	2054.8	1537.3
	Lower 95%	748.3	725.7	1555.6	1822.2	1316.8	896.3	1020.4	1214.7	958.3
Trifolium 6	1995		1536.2	3062.5	3574.2	2914.0	2927.2	2780.5	2996.6	2733.0
	1996	1344.2	2159.7	2910.6	3452.9	2958.6	2814.1	3352.3	2584.8	2431.3
	1997	1602.1	1852.7	2924.1	3162.2	3138.4	2662.9	3193.0	2686.8	1659.9
	1998	1547.2		2783.0	3320.1	3005.5	2824.7	3374.9	2548.1	2019.2
	1999	2030.7	1793.8	3342.8	2801.7	2611.6	2160.7	2125.7	2219.2	1822.1
	2000	1599.6	1718.2	2771.7	3119.0	2794.2	2171.2	2470.4	2549.9	1949.6
	Mean	1624.8	1812.1	2965.8	3238.4	2903.7	2593.5	2882.8	2597.6	2102.5
	STDEV	250.3	227.9	213.2	274.3	182.1	341.7	512.4	251.1	402.6
	CV	0.15	0.13	0.07	0.08	0.06	0.13	0.18	0.10	0.19
	Upper 95%	2115.4	2258.8	3383.7	3776.0	3260.7	3263.3	3887.0	3089.7	2891.6
Trifolium 7	Lower 95%	1134.1	1365.4	2547.8	2700.7	2546.7	1923.6	1878.6	2105.4	1313.4
	1995		2796.5	4385.0	4272.1	4410.3	3897.7	5095.8	4141.6	2885.6
	1996	2558.1	2962.9	4233.0	4644.3	4320.9	3806.0	4650.6	3508.0	2508.7
	1997	1934.2	3049.1	3733.2	4501.6	4301.3	4373.1	4685.9	4039.9	2859.3
	1998	2250.7		4809.5	4802.1	4042.7	3633.1	4311.1	4051.9	3629.7
	1999	2813.8	3001.9	4293.3	4405.7	4031.1	3521.1	3375.7	3586.2	3050.1
	2000	2188.3	2850.2	4110.0	4607.6	4369.3	3767.2	4081.6	3969.3	2766.6
	Mean	2349.0	2932.1	4260.7	4538.9	4245.9	3833.0	4366.8	3882.8	2950.0
	STDEV	341.8	105.6	352.0	187.3	166.4	296.0	596.7	266.9	377.6
	CV	0.15	0.04	0.08	0.04	0.04	0.08	0.14	0.07	0.13
Trifolium 8	Upper 95%	3018.9	3139.1	4950.5	4906.0	4572.0	4413.3	5536.4	4405.9	3690.0
	Lower 95%	1679.1	2725.1	3570.8	4171.8	3919.9	3252.8	3197.2	3359.7	2210.0
	1995		1100.5	2097.3	2177.8	1936.2	2103.1	2470.3	1634.1	1433.9
	1996	1427.3	1495.5	2541.6	2732.6	2153.3	1588.3	1826.9	1467.8	1125.3
	1997	945.6	1516.5	2263.3	2800.0	1792.9	1681.5	2257.4	2004.1	984.1
	1998	1099.5		1881.5	1861.3	2277.6	2122.2	2812.2	2183.4	1307.9
	1999	1180.0	1087.9	1819.1	2140.0	2107.6	1650.6	1944.9	1941.5	1367.6
	2000	1284.6	1404.9	2180.4	2557.0	1892.9	2280.6	2348.6	1742.7	1490.0
	Mean	1187.4	1321.1	2130.5	2378.1	2026.8	1904.4	2276.7	1828.9	1284.8
	STDEV	182.5	211.3	264.3	374.1	182.4	297.5	358.4	262.6	193.7
	CV	0.15	0.16	0.12	0.16	0.09	0.16	0.16	0.14	0.15
Trifolium 9	Upper 95%	1545.1	1735.3	2648.5	3111.3	2384.2	2487.4	2979.1	2343.6	1664.4
	Lower 95%	829.7	906.8	1612.6	1645.0	1669.3	1321.3	1574.3	1314.2	905.2
	1995		1760.2	3170.2	3640.8	4027.0	3605.9	3843.2	2839.0	2991.1
	1996	2054.1	2383.3	3679.2	4441.7	3653.1	3036.1	3379.2	3321.2	2682.1
	1997	1881.7	2235.0	3620.9	3697.6	3084.1	3125.2	2724.5	2864.9	2262.6
	1998	1947.2		3181.0	4164.0	3751.1	2861.2	3871.8	3110.9	2125.9
	1999	2256.6	1943.4	3266.1	3099.1	3728.5	2762.4	2607.1	2731.7	3152.2
	2000	1728.9	2124.7	3036.1	3761.7	2872.8	2222.1	3311.1	2138.0	2194.3
	Mean	1973.7	2089.3	3325.6	3800.8	3519.4	2935.5	3289.5	2834.3	2568.0
	STDEV	197.2	244.2	262.5	463.2	442.8	456.1	536.5	402.5	438.6
	CV	0.10	0.12	0.08	0.12	0.13	0.16	0.16	0.14	0.17
	Upper 95%	2360.3	2567.9	3840.2	4708.7	4387.4	3829.4	4341.0	3623.1	3427.6

		Lower 95%	1587.1	1610.7	2811.0	2892.9	2651.5	2041.6	2238.0	2045.4	1708.4
Trifolium 10	1995		1337.4	2847.4	3177.1	2109.8	2338.9	2275.5	2565.6	1920.8	
	1996										
	1997										
	1998										
	1999					2446.4	1862.3	1697.7	1949.8	1793.1	
	2000	1114.6	1522.9	2022.1	2455.1	2372.9	1815.5	2154.3	1808.5	1111.2	
	Mean	1114.6	1430.2	2434.8	2816.1	2309.7	2005.6	2042.5	2108.0	1608.4	
	STDEV		131.2	583.6	510.5	177.0	289.6	304.7	402.6	435.3	
	CV		0.09	0.24	0.18	0.08	0.14	0.15	0.19	0.27	
	Upper 95%		1687.2	3578.6	3816.7	2656.6	2573.2	2639.7	2897.0	2461.5	
	Lower 95%		1173.1	1290.9	1815.5	1962.8	1437.9	1445.3	1318.9	755.2	
Trifolium 11	1995	306.3	601.0	1292.1	1727.7	1262.6	1103.3	1026.1	979.2	1028.1	
	1996										
	1997										
	1998										
	1999										
	2000										
	Mean	306.3	601.0	1292.1	1727.7	1262.6	1103.3	1026.1	979.2	1028.1	
	STDEV										
	CV										
	Upper 95%										
	Lower 95%										
Vail	1995		416.1	666.6	879.4	517.5	444.5	766.7	321.4	197.8	
	1996	270.6	320.7	746.9	611.0	449.4	763.4	633.7	526.7	386.3	
	1997	240.5	428.1	541.6	599.1	765.4	933.1	701.5	776.5	437.5	
	1998	252.3	192.1	541.7	675.6	287.2	246.7	280.9	604.2	662.3	
	1999	376.2	240.5	463.6	618.6	749.2	762.9	567.0	589.4	587.4	
	2000	285.9	289.4	589.1	648.3	638.3	780.9	802.3	615.9	387.8	
	Mean	285.1	314.5	591.6	672.0	567.8	655.3	625.4	572.4	443.2	
	STDEV	53.8	94.2	101.1	105.3	185.6	256.0	189.3	148.3	164.5	
	CV	0.2	0.3	0.2	0.2	0.3	0.4	0.3	0.3	0.4	
	Upper 95%	390.5	499.1	789.8	878.5	931.6	1157.0	996.4	863.0	765.7	
	Lower 95%	179.7	129.9	393.4	465.5	204.1	153.5	254.3	281.7	120.7	
Wixom	1995		297.8	463.1	492.8	600.8	800.1	671.9	727.2	466.4	
	1996	123.6	343.8	624.6	640.0	514.6	770.5	621.9	510.2	399.3	
	1997	87.3	269.7	592.8	641.9	593.6	678.6	803.8	842.3	311.8	
	1998	145.6	149.6	431.0	444.0	671.4	619.8	694.9	849.9	565.4	
	1999	74.9	157.6	414.6	574.7	764.2	882.6	459.4	541.8	331.0	
	2000	132.3	270.0	523.7	725.7	849.9	651.0	1024.1	622.8	543.3	
	Mean	112.7	248.1	508.3	586.5	665.8	733.8	712.7	682.4	436.2	
	STDEV	30.2	78.1	86.8	104.4	123.2	100.8	189.6	147.4	106.8	
	CV	0.27	0.31	0.17	0.18	0.19	0.14	0.27	0.22	0.24	
	Upper 95%	172.0	401.1	678.5	791.2	907.2	931.3	1084.2	971.2	645.4	
	Lower 95%	53.5	95.1	338.1	381.8	424.3	536.2	341.1	393.5	227.0	

Wormwood 7	1995		473.3	900.7	1109.5	1172.3	1177.4	1063.5	1086.9	382.5
	1996	358.3	312.7	993.7	1001.6	927.4	1066.9	1001.3	896.6	653.5
	1997	463.6	574.3	835.1	1094.1	1233.0	1374.8	1113.0	1231.9	329.3
	1998	547.7		886.0	1018.9	1119.3	1046.8	813.1	706.5	773.5
	1999	651.6	359.1	937.9	1042.7	1128.4	1074.7	1106.2	1101.2	710.3
	2000	437.1	418.6	845.0	1036.5	1033.3	1102.0	1095.8	710.7	504.2
	Mean	491.7	427.6	899.7	1050.6	1102.3	1140.4	1032.2	955.6	558.9
	STDEV	112.1	102.0	59.4	42.5	108.0	123.5	114.9	219.2	181.5
	CV	0.23	0.24	0.07	0.04	0.10	0.11	0.11	0.23	0.32
	Upper 95%	711.4	627.4	1016.2	1133.8	1313.9	1382.5	1257.3	1385.3	914.7
	Lower 95%	271.9	227.8	783.3	967.3	890.6	898.4	807.0	526.0	203.1

Table C- 15: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
All-American 10	1995	0.017	0.011	0.009	0.013	0.016	0.013	0.013	0.014	0.017
	1996	0.016	0.012	0.013	0.014	0.011	0.012	0.014	0.016	0.019
	1997	0.021	0.010	0.013	0.014	0.014	0.010	0.014	0.014	0.017
	1998	0.017	0.012	0.011	0.013	0.014	0.015	0.014	0.016	0.020
	1999	0.016	0.015	0.013	0.013	0.015	0.018	0.016	0.019	0.015
	2000	0.019	0.017	0.011	0.013	0.018	0.018	0.015	0.017	0.014
All-American 14	1995	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
	1996	0.0003	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
	1997	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
	1998	0.0003	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
	1999	0.0001	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002
	2000	0.0003	0.0003	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002
All-American 9	1995	0.004	0.004	0.008	0.006	0.008	0.010	0.008	0.009	0.010
	1996	0.005	0.004	0.007	0.009	0.010	0.010	0.010	0.012	0.012
	1997	0.004	0.004	0.008	0.009	0.013	0.009	0.011	0.008	0.013
	1998	0.003	0.006	0.006	0.007	0.012	0.007	0.005	0.012	0.002
	1999	0.004	0.010	0.006	0.009	0.004	0.004	0.004	0.011	0.009
	2000	0.004	0.008	0.006	0.007	0.008	0.005	0.006	0.009	0.001
Baughman	1995	0.006	0.004	0.007	0.006	0.007	0.008	0.007	0.007	0.006
	1996	0.008	0.006	0.007	0.005	0.007	0.007	0.004	0.008	0.004
	1997	0.004	0.007	0.005	0.005	0.006	0.008	0.009	0.006	0.003
	1998	0.010	0.007	0.007	0.006	0.005	0.004	0.005	0.006	0.002
	1999	0.005	0.008	0.006	0.004	0.006	0.008	0.007	0.006	0.005
	2000	0.007	0.005	0.006	0.006	0.007	0.004	0.006	0.007	0.008
Beech	1995	0.022	0.030	0.027	0.024	0.022	0.019	0.020	0.017	0.018
	1996	0.027	0.030	0.025	0.020	0.019	0.022	0.024	0.022	0.026
	1997	0.024	0.029	0.025	0.023	0.023	0.022	0.020	0.022	0.013
	1998	0.017	0.023	0.028	0.027	0.021	0.020	0.023	0.023	0.023
	1999	0.022	0.022	0.025	0.024	0.025	0.022	0.023	0.021	0.012
	2000	0.024	0.028	0.027	0.026	0.028	0.022	0.025	0.026	0.029
Best	1995	0.008	0.008	0.008	0.007	0.006	0.006	0.011	0.006	0.009
	1996	0.010	0.008	0.009	0.009	0.004	0.005	0.010	0.004	0.010
	1997	0.010	0.008	0.010	0.009	0.003	0.002	0.006	0.002	0.008
	1998	0.010	0.009	0.010	0.006	0.004	0.006	0.006	0.003	0.006
	1999	0.006	0.009	0.009	0.009	0.006	0.005	0.008	0.005	0.006
	2000	0.008	0.003	0.009	0.008	0.004	0.011	0.009	0.004	0.006
Birch 3	1995	0.002	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.001
	1996	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002
	1997	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.003	0.001
	1998	0.001	0.002	0.003	0.002	0.002	0.003	0.002	0.004	0.002

Table C- 15: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1999	0.002	0.002	0.003	0.003	0.003	0.002	0.002	0.003	0.000
	2000	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
Blue Lake	1995	0.012	0.006	0.009	0.009	0.013	0.012	0.012	0.012	0.009
	1996	0.011	0.007	0.007	0.012	0.013	0.015	0.015	0.011	0.018
	1997	0.013	0.010	0.013	0.013	0.013	0.014	0.013	0.013	0.009
	1998	0.014	0.007	0.011	0.012	0.013	0.016	0.014	0.010	0.016
	1999	0.014	0.009	0.014	0.013	0.013	0.014	0.013	0.015	0.012
	2000	0.012	0.011	0.012	0.011	0.014	0.016	0.014	0.014	0.011
Bullhead Slough	1995	0.011	0.011	0.009	0.014	0.014	0.018	0.012	0.013	0.014
	1996	0.009	0.011	0.010	0.014	0.015	0.017	0.013	0.014	0.010
	1997	0.012	0.009	0.011	0.013	0.015	0.019	0.016	0.015	0.011
	1998	0.013	0.010	0.011	0.016	0.015	0.014	0.014	0.013	0.014
	1999	0.015	0.013	0.014	0.016	0.015	0.015	0.015	0.012	0.015
	2000	0.010	0.010	0.014	0.013	0.014	0.016	0.016	0.013	0.012
Cole	1995	0.008	0.009	0.010	0.010	0.008	0.007	0.007	0.007	0.007
	1996	0.009	0.011	0.011	0.010	0.010	0.006	0.006	0.008	0.008
	1997	0.010	0.010	0.010	0.009	0.008	0.006	0.005	0.005	0.010
	1998	0.009	0.007	0.011	0.010	0.007	0.009	0.010	0.007	0.010
	1999	0.008	0.014	0.010	0.008	0.009	0.007	0.011	0.008	0.010
	2000	0.009	0.009	0.012	0.010	0.009	0.008	0.009	0.009	0.010
Cook	1995	0.006	0.004	0.006	0.005	0.004	0.004	0.005	0.005	0.004
	1996	0.005	0.004	0.004	0.004	0.005	0.003	0.005	0.006	0.007
	1997	0.005	0.006	0.004	0.005	0.005	0.004	0.004	0.005	0.004
	1998	0.006	0.003	0.004	0.004	0.005	0.006	0.005	0.005	0.003
	1999	0.009	0.005	0.004	0.004	0.004	0.003	0.005	0.003	0.005
	2000	0.006	0.002	0.007	0.006	0.005	0.005	0.004	0.003	0.002
Elder 14	1995	0.011	0.009	0.018	0.019	0.015	0.019	0.019	0.019	0.019
	1996	0.016	0.014	0.018	0.017	0.023	0.017	0.023	0.015	0.024
	1997	0.015	0.019	0.017	0.019	0.021	0.018	0.021	0.012	0.026
	1998	0.011	0.011	0.020	0.020	0.017	0.015	0.020	0.016	0.020
	1999	0.012	0.020	0.020	0.021	0.020	0.014	0.023	0.020	0.027
	2000	0.007	0.021	0.018	0.017	0.020	0.018	0.023	0.024	0.022
Elder 1	1995	0.004	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005
	1996	0.002	0.004	0.005	0.005	0.005	0.006	0.005	0.006	0.004
	1997	0.004	0.004	0.005	0.003	0.004	0.005	0.006	0.007	0.003
	1998	0.004	0.005	0.004	0.003	0.005	0.005	0.005	0.006	0.005
	1999	0.004	0.004	0.003	0.004	0.005	0.004	0.004	0.005	0.005
	2000	0.005	0.005	0.004	0.004	0.004	0.005	0.003	0.005	0.003
Elder 3	1995	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.004
	1996	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.003
	1997	0.002	0.002	0.002	0.001	0.002	0.002	0.003	0.003	0.001

Table C- 15: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Elder Drain	1998	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.002
	1999	0.002	0.001	0.001	0.002	0.002	0.002	0.003	0.002	0.003
	2000	0.001	0.002	0.001	0.001	0.002	0.003	0.002	0.003	0.001
	1995	0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002
	1996	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.002	0.001
	1997	0.001	0.003	0.002	0.001	0.001	0.002	0.002	0.002	0.001
Fillaree	1998	0.001	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.002
	1999	0.001	0.001	0.002	0.001	0.002	0.002	0.003	0.001	0.001
	2000	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001
	1995	0.037	0.045	0.043	0.043	0.044	0.057	0.047	0.072	0.052
	1996	0.030	0.046	0.057	0.053	0.054	0.055	0.055	0.067	0.052
	1997	0.044	0.056	0.056	0.049	0.053	0.064	0.060	0.070	0.054
Flax	1998	0.044	0.044	0.057	0.054	0.048	0.058	0.048	0.046	0.057
	1999	0.037	0.060	0.048	0.048	0.048	0.064	0.052	0.055	0.056
	2000	0.039	0.028	0.042	0.044	0.047	0.051	0.042	0.046	0.048
	1995	0.003	0.007	0.006	0.006	0.008	0.008	0.008	0.007	0.003
	1996	0.004	0.003	0.006	0.005	0.008	0.007	0.006	0.009	0.008
	1997	0.004	0.004	0.007	0.006	0.009	0.008	0.008	0.008	0.005
Gardner	1998	0.003	0.005	0.006	0.007	0.009	0.007	0.010	0.009	0.008
	1999	0.004	0.006	0.005	0.007	0.008	0.008	0.007	0.008	0.009
	2000	0.004	0.006	0.005	0.006	0.009	0.008	0.005	0.009	0.009
	1995	0.009	0.011	0.007	0.008	0.007	0.009	0.009	0.010	0.012
	1996	0.011	0.008	0.010	0.008	0.008	0.008	0.010	0.010	0.012
	1997	0.012	0.010	0.009	0.008	0.008	0.007	0.009	0.008	0.008
Livesley	1998	0.007	0.011	0.009	0.009	0.008	0.007	0.008	0.007	0.013
	1999	0.007	0.008	0.007	0.009	0.006	0.011	0.010	0.008	0.004
	2000	0.012	0.008	0.009	0.008	0.006	0.007	0.008	0.007	0.011
	1995	0.008	0.012	0.016	0.014	0.011	0.011	0.016	0.014	0.021
	1996	0.014	0.011	0.015	0.014	0.014	0.014	0.012	0.014	0.012
	1997	0.008	0.014	0.014	0.015	0.014	0.013	0.018	0.017	0.020
Malan	1998	0.009	0.007	0.014	0.018	0.013	0.015	0.019	0.019	0.026
	1999	0.006	0.013	0.015	0.013	0.018	0.015	0.014	0.020	0.015
	2000	0.003	0.005	0.014	0.018	0.017	0.018	0.013	0.017	0.020
	1995	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.000	0.001
	1996	0.001	0.002	0.002	0.002	0.001	0.001	0.002	0.000	0.001
	1997	0.002	0.002	0.002	0.001	0.000	0.002	0.001	0.001	0.002
Meserve	1998	0.001	0.003	0.001	0.002	0.000	0.001	0.001	0.001	0.001
	1999	0.002	0.002	0.002	0.002	0.001	0.001	0.004	0.000	0.001
Woolley	1995	0.003	0.001	0.003	0.002	0.003	0.003	0.003	0.003	0.000
	1996	0.004	0.003	0.002	0.003	0.003	0.004	0.003	0.005	0.002

Table C- 15: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
New River	1997	0.003	0.003	0.002	0.003	0.003	0.004	0.004	0.002	0.003
	1998	0.003	0.003	0.003	0.003	0.003	0.005	0.002	0.002	0.002
	1999	0.001	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.001
	2000	0.002	0.004	0.002	0.003	0.003	0.004	0.004	0.005	0.006
	1995	0.157	0.142	0.140	0.147	0.157	0.147	0.149	0.158	0.162
	1996	0.173	0.156	0.161	0.166	0.167	0.167	0.158	0.154	0.171
North Central	1997	0.148	0.148	0.164	0.164	0.171	0.166	0.156	0.162	0.166
	1998	0.169	0.121	0.156	0.157	0.163	0.158	0.163	0.158	0.151
	1999	0.171	0.136	0.153	0.157	0.161	0.165	0.172	0.151	0.143
	2000	0.165	0.148	0.150	0.155	0.155	0.154	0.172	0.159	0.158
	1995	0.029	0.031	0.036	0.029	0.036	0.040	0.041	0.041	0.035
	1996	0.031	0.033	0.035	0.038	0.037	0.038	0.039	0.041	0.045
O'Brien	1997	0.031	0.034	0.040	0.039	0.040	0.040	0.037	0.041	0.052
	1998	0.032	0.026	0.036	0.039	0.035	0.041	0.031	0.039	0.035
	1999	0.030	0.028	0.032	0.039	0.030	0.031	0.035	0.033	0.030
	2000	0.028	0.027	0.033	0.035	0.035	0.037	0.028	0.029	0.038
	1995	0.003	0.001	0.002	0.003	0.004	0.004	0.003	0.004	0.002
	1996	0.004	0.001	0.003	0.002	0.002	0.003	0.004	0.002	0.004
Pinner	1997	0.004	0.002	0.004	0.002	0.003	0.001	0.003	0.001	0.004
	1998	0.004	0.002	0.002	0.003	0.002	0.001	0.001	0.004	0.003
	1999	0.002	0.003	0.002	0.003	0.002	0.003	0.001	0.003	0.003
	2000	0.003	0.003	0.002	0.002	0.003	0.004	0.002	0.002	0.003
	1995	0.014	0.013	0.015	0.015	0.013	0.014	0.015	0.012	0.010
	1996	0.014	0.021	0.016	0.016	0.015	0.015	0.017	0.015	0.015
Raymond	1997	0.013	0.014	0.016	0.018	0.017	0.013	0.017	0.011	0.012
	1998	0.018	0.010	0.015	0.018	0.017	0.018	0.015	0.014	0.019
	1999	0.013	0.013	0.014	0.017	0.017	0.019	0.020	0.015	0.014
	2000	0.015	0.017	0.016	0.016	0.014	0.017	0.017	0.016	0.013
	1995	0.012	0.007	0.014	0.015	0.017	0.018	0.018	0.014	0.012
	1996	0.013	0.021	0.015	0.016	0.017	0.023	0.016	0.015	0.018
Reed 13	1997	0.011	0.016	0.012	0.014	0.014	0.011	0.009	0.016	0.008
	1998	0.008	0.010	0.014	0.013	0.014	0.016	0.016	0.019	0.015
	1999	0.013	0.010	0.016	0.015	0.013	0.016	0.016	0.015	0.012
	2000	0.016	0.014	0.013	0.014	0.016	0.016	0.014	0.015	0.018
	1995	0.004	0.004	0.003	0.004	0.002	0.002	0.001	0.002	0.001
	1996	0.004	0.003	0.003	0.004	0.002	0.000	0.000	0.004	0.000
Reed 15	1997	0.005	0.002	0.002	0.003	0.002	0.003	0.003	0.004	0.001
	1998	0.003	0.004	0.003	0.004	0.002	0.004	0.003	0.003	0.002
	1999	0.006	0.004	0.003	0.004	0.003	0.001	0.002	0.003	0.001
	2000	0.004	0.003	0.002	0.004	0.002	0.002	0.004	0.001	0.003
	1995	0.002	0.003	0.003	0.002	0.003	0.002	0.004	0.002	0.002

Table C- 15: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1996	0.003	0.002	0.002	0.003	0.004	0.001	0.002	0.004	0.003
	1997	0.003	0.002	0.003	0.003	0.003	0.002	0.002	0.003	0.000
	1998	0.005	0.004	0.003	0.003	0.001	0.001	0.003	0.000	0.000
	1999	0.003	0.001	0.003	0.002	0.002	0.001	0.002	0.001	0.005
	2000	0.004	0.004	0.003	0.003	0.001	0.000	0.001	0.003	0.001
Riley 11	1995	0.004	0.002	0.003	0.003	0.002	0.003	0.003	0.001	0.004
	1996	0.003	0.003	0.003	0.003	0.002	0.000	0.003	0.002	0.001
	1997	0.003	0.003	0.003	0.004	0.002	0.002	0.003	0.002	0.003
	1998	0.005	0.002	0.003	0.004	0.002	0.003	0.003	0.003	0.003
	1999	0.004	0.006	0.003	0.004	0.002	0.002	0.002	0.004	0.001
	2000	0.005	0.004	0.004	0.003	0.002	0.001	0.002	0.002	0.002
Salt Creek	1995	0.087	0.116	0.095	0.105	0.112	0.130	0.115	0.119	0.106
	1996	0.096	0.098	0.100	0.115	0.117	0.131	0.120	0.123	0.109
	1997	0.116	0.105	0.111	0.113	0.121	0.144	0.139	0.133	0.131
	1998	0.093	0.129	0.104	0.097	0.126	0.133	0.127	0.128	0.117
	1999	0.077	0.105	0.106	0.108	0.122	0.132	0.122	0.110	0.111
	2000	0.078	0.112	0.093	0.110	0.125	0.132	0.125	0.101	0.122
Seeley	1995	0.022	0.020	0.022	0.026	0.026	0.024	0.028	0.025	0.017
	1996	0.021	0.018	0.025	0.023	0.026	0.035	0.032	0.023	0.020
	1997	0.022	0.025	0.025	0.024	0.025	0.031	0.028	0.026	0.019
	1998	0.029	0.014	0.027	0.027	0.030	0.026	0.027	0.020	0.021
	1999	0.017	0.021	0.026	0.025	0.027	0.029	0.026	0.031	0.022
	2000	0.028	0.018	0.026	0.023	0.031	0.038	0.025	0.025	0.024
Similax	1995	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.001
	1996	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.000
	1997	0.000	0.002	0.001	0.000	0.000	0.001	0.001	0.001	0.000
	1998	0.001	0.002	0.001	0.001	0.000	0.000	0.001	0.000	0.000
	1999	0.002	0.002	0.001	0.001	0.000	0.000	0.001	0.000	0.001
	2000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.001
Spruce 1	1995	0.009	0.010	0.005	0.008	0.007	0.008	0.007	0.008	0.008
	1996	0.011	0.009	0.008	0.009	0.011	0.008	0.006	0.006	0.006
	1997	0.012	0.010	0.008	0.007	0.008	0.008	0.009	0.008	0.010
	1998	0.006	0.006	0.008	0.009	0.008	0.011	0.008	0.010	0.010
	1999	0.010	0.010	0.012	0.009	0.010	0.010	0.008	0.012	0.012
	2000	0.007	0.005	0.006	0.010	0.010	0.009	0.007	0.005	0.006
Spruce 3	1995	0.004	0.005	0.005	0.004	0.006	0.007	0.008	0.005	0.004
	1996	0.004	0.005	0.004	0.006	0.006	0.005	0.004	0.007	0.005
	1997	0.006	0.004	0.004	0.005	0.005	0.007	0.007	0.007	0.005
	1998	0.004	0.006	0.004	0.004	0.006	0.007	0.006	0.005	0.004
	1999	0.006	0.007	0.007	0.004	0.004	0.007	0.007	0.005	0.005
	2000	0.009	0.005	0.006	0.005	0.003	0.004	0.004	0.004	0.005

Table C- 15: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spruce 4	1995	0.003	0.002	0.003	0.002	0.002	0.001	0.000	0.001	0.002
	1996	0.003	0.002	0.002	0.002	0.004	0.003	0.003	0.003	0.003
	1997	0.004	0.001	0.002	0.002	0.003	0.002	0.003	0.004	0.002
	1998	0.004	0.002	0.002	0.002	0.002	0.004	0.004	0.002	0.002
	1999	0.003	0.002	0.003	0.002	0.002	0.004	0.004	0.003	0.002
	2000	0.002	0.002	0.002	0.002	0.001	0.005	0.004	0.003	0.002
Spruce	1995	0.021	0.024	0.024	0.023	0.023	0.021	0.021	0.018	0.020
	1996	0.020	0.026	0.024	0.020	0.024	0.024	0.019	0.023	0.022
	1997	0.017	0.026	0.021	0.023	0.023	0.018	0.021	0.017	0.019
	1998	0.027	0.026	0.018	0.019	0.021	0.022	0.022	0.023	0.016
	1999	0.025	0.015	0.021	0.019	0.022	0.019	0.015	0.021	0.015
	2000	0.022	0.015	0.021	0.020	0.022	0.022	0.014	0.022	0.015
Sumac	1995	0.014	0.012	0.014	0.012	0.012	0.013	0.013	0.014	0.018
	1996	0.017	0.014	0.013	0.011	0.013	0.011	0.014	0.011	0.011
	1997	0.018	0.011	0.013	0.012	0.016	0.015	0.018	0.011	0.009
	1998	0.014	0.011	0.015	0.012	0.015	0.012	0.014	0.015	0.014
	1999	0.011	0.017	0.016	0.014	0.013	0.011	0.011	0.013	0.012
	2000	0.016	0.019	0.014	0.012	0.013	0.013	0.014	0.015	0.017
Tamarack	1995	0.011	0.007	0.010	0.010	0.013	0.011	0.010	0.009	0.017
	1996	0.012	0.010	0.012	0.012	0.013	0.012	0.009	0.010	0.014
	1997	0.014	0.011	0.011	0.014	0.013	0.010	0.008	0.014	0.013
	1998	0.012	0.005	0.012	0.012	0.014	0.011	0.012	0.011	0.020
	1999	0.012	0.009	0.012	0.012	0.013	0.006	0.010	0.006	0.016
	2000	0.008	0.010	0.010	0.012	0.013	0.009	0.012	0.012	0.013
Timothy 1	1995	0.042	0.039	0.044	0.047	0.038	0.036	0.034	0.034	0.040
	1996	0.038	0.042	0.039	0.040	0.039	0.041	0.042	0.039	0.043
	1997	0.038	0.044	0.040	0.042	0.038	0.038	0.037	0.036	0.043
	1998	0.041	0.053	0.039	0.042	0.041	0.037	0.040	0.032	0.040
	1999	0.049	0.048	0.045	0.042	0.039	0.037	0.036	0.036	0.034
	2000	0.052	0.045	0.052	0.043	0.035	0.030	0.038	0.041	0.038
Timothy 2	1995	0.008	0.009	0.010	0.010	0.008	0.006	0.007	0.005	0.010
	1996	0.009	0.006	0.009	0.009	0.011	0.005	0.008	0.007	0.007
	1997	0.007	0.009	0.007	0.007	0.008	0.007	0.007	0.005	0.009
	1998	0.005	0.005	0.006	0.007	0.008	0.009	0.007	0.006	0.009
	1999	0.009	0.003	0.008	0.008	0.007	0.005	0.007	0.006	0.010
	2000	0.010	0.008	0.007	0.007	0.008	0.005	0.008	0.008	0.006
Trifolium 3	1995	0.031	0.030	0.028	0.031	0.025	0.023	0.024	0.032	0.022
	1996	0.030	0.033	0.032	0.029	0.026	0.023	0.031	0.032	0.024
	1997	0.037	0.028	0.033	0.028	0.030	0.030	0.026	0.030	0.027
	1998	0.032	0.038	0.030	0.033	0.033	0.027	0.031	0.033	0.024
	1999	0.034	0.035	0.039	0.037	0.026	0.029	0.026	0.027	0.023
	2000	0.031	0.029	0.031	0.030	0.031	0.024	0.024	0.026	0.024

Table C- 15: Irrigation Delivery Ratios

Table C- 15: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Vail	1995	0.009	0.013	0.010	0.009	0.007	0.006	0.010	0.005	0.004
	1996	0.009	0.009	0.012	0.008	0.007	0.012	0.009	0.009	0.008
	1997	0.009	0.011	0.009	0.008	0.011	0.014	0.010	0.012	0.011
	1998	0.009	0.007	0.009	0.010	0.004	0.004	0.009	0.010	0.015
	1999	0.012	0.007	0.008	0.010	0.011	0.012	0.009	0.010	0.013
	2000	0.010	0.008	0.010	0.009	0.009	0.012	0.012	0.011	0.009
Wixom	1995	0.004	0.009	0.007	0.007	0.009	0.011	0.009	0.010	0.009
	1996	0.004	0.009	0.010	0.009	0.008	0.012	0.009	0.009	0.009
	1997	0.003	0.007	0.010	0.009	0.009	0.010	0.011	0.013	0.008
	1998	0.005	0.005	0.008	0.007	0.010	0.010	0.009	0.014	0.013
	1999	0.002	0.005	0.007	0.009	0.011	0.013	0.007	0.009	0.007
	2000	0.004	0.008	0.009	0.010	0.012	0.010	0.015	0.011	0.012
Wormwood 7	1995	0.016	0.014	0.014	0.015	0.017	0.016	0.014	0.015	0.007
	1996	0.012	0.009	0.016	0.013	0.014	0.017	0.015	0.015	0.014
	1997	0.016	0.015	0.013	0.015	0.018	0.016	0.015	0.019	0.008
	1998	0.019	0.015	0.015	0.015	0.017	0.017	0.015	0.012	0.017
	1999	0.021	0.011	0.016	0.017	0.016	0.016	0.018	0.019	0.016
	2000	0.015	0.012	0.014	0.014	0.014	0.017	0.016	0.013	0.011

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
All-American 10	1995	224.4	176.9	246.8	391.9	414.1	301.7	292.9	328.7	364.3
	1996	274.8	215.9	323.7	369.5	261.6	266.9	298.8	327.4	388.2
	1997	312.0	182.3	321.4	339.7	319.3	212.8	304.0	316.5	370.8
	1998	270.5	140.8	243.3	331.7	328.9	263.9	307.9	310.1	361.7
	1999	278.4	234.8	305.0	314.0	358.5	376.2	304.7	350.1	263.0
	2000	295.8	255.4	246.6	316.1	413.8	352.2	308.2	331.5	251.1
All-American 14	1995	2.7	1.9	3.6	3.2	2.7	2.6	3.0	2.2	3.7
	1996	4.4	4.2	2.9	3.3	2.8	2.3	2.7	3.0	3.6
	1997	2.7	3.9	3.2	3.2	3.3	2.7	2.8	3.2	4.0
	1998	5.1	1.7	2.8	3.0	2.3	2.5	2.6	2.3	3.2
	1999	2.4	2.9	3.7	3.4	1.5	2.9	3.0	2.9	3.6
	2000	4.8	3.8	2.2	3.1	2.8	2.3	2.7	3.0	3.6
All-American 9	1995	50.4	65.2	216.3	162.8	213.6	236.8	177.3	224.3	212.6
	1996	82.9	71.2	183.5	247.6	236.6	215.7	214.8	255.3	245.0
	1997	63.4	67.1	209.4	220.8	292.9	181.5	238.4	192.8	267.3
	1998	41.8	71.6	142.8	172.7	269.7	122.6	105.7	244.4	36.2
	1999	72.6	153.6	152.8	216.3	107.4	90.9	80.6	203.2	158.3
	2000	62.4	121.6	140.2	179.0	189.7	104.4	121.1	168.6	13.6
Baughman	1995	83.7	60.5	173.4	185.0	197.7	177.7	170.5	159.3	127.0
	1996	129.6	111.5	174.3	128.0	172.7	142.8	91.8	167.0	71.4
	1997	61.6	131.2	129.0	116.6	129.9	171.7	187.0	138.8	58.7
	1998	156.7	90.2	151.5	149.8	115.7	62.7	103.3	120.5	39.3
	1999	85.1	130.4	142.3	89.1	158.4	162.2	130.0	102.8	85.3
	2000	101.9	79.2	133.9	134.1	153.2	87.5	113.5	131.0	154.1
Beech	1995	285.5	482.0	695.8	697.7	585.4	448.3	480.2	403.0	382.4
	1996	443.1	536.3	631.1	550.1	452.9	480.9	521.0	447.7	509.6
	1997	363.4	523.6	616.8	575.1	534.0	457.1	429.4	509.2	280.9
	1998	273.0	272.4	634.1	659.2	500.8	356.0	486.9	457.3	415.8
	1999	384.2	357.3	608.7	558.7	626.1	449.9	421.2	384.2	203.2
	2000	362.9	416.2	610.8	625.5	651.0	427.2	507.9	494.3	525.6
Best	1995	109.1	121.2	219.8	197.3	160.1	139.3	269.0	136.3	195.0
	1996	161.3	142.9	235.3	251.7	90.0	104.1	208.4	75.1	195.7
	1997	153.5	154.5	256.0	224.7	69.8	42.6	121.1	47.5	170.2
	1998	156.8	105.5	215.3	156.1	96.7	111.0	121.6	60.4	114.6
	1999	104.2	136.0	214.8	202.8	141.4	101.3	147.3	93.2	98.6
	2000	120.8	50.2	197.7	183.3	101.5	221.9	185.1	84.5	109.1
Birch 3	1995	23.6	28.9	31.5	58.6	46.6	34.5	30.7	27.9	19.3
	1996	14.9	40.8	22.1	51.3	35.7	52.2	44.6	38.1	30.5
	1997	36.1	29.0	46.2	50.3	27.2	43.1	39.1	71.5	24.6
	1998	21.6	29.9	69.5	45.8	43.9	47.5	32.2	75.2	36.3

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1999	27.2	39.4	63.2	60.6	61.8	47.9	34.0	52.3	3.6
	2000	49.8	31.8	46.9	48.2	46.0	44.0	21.5	25.1	9.6
Blue Lake	1995	160.3	91.0	226.6	276.3	339.0	269.9	273.9	283.6	192.6
	1996	189.1	123.9	171.1	320.3	296.3	324.9	319.3	230.0	354.4
	1997	200.8	182.7	325.0	326.9	308.1	289.7	287.2	302.4	198.8
	1998	218.9	79.2	239.1	301.7	305.9	288.2	307.5	206.4	286.1
	1999	237.6	142.4	345.9	295.7	313.6	287.0	238.7	271.2	213.9
	2000	178.4	161.1	275.8	255.4	313.1	316.7	290.9	267.9	203.3
Bullhead Slough	1995	150.1	173.8	237.6	417.6	363.8	407.1	283.0	308.2	298.0
	1996	153.0	192.1	252.3	371.2	350.5	379.9	280.2	281.2	203.5
	1997	181.7	164.8	261.9	322.7	343.5	398.8	344.1	336.5	237.4
	1998	211.9	122.0	240.2	385.2	353.0	253.6	295.2	261.5	254.0
	1999	265.2	212.8	332.8	370.7	358.2	315.8	283.9	213.7	257.5
	2000	148.9	153.4	309.5	311.2	321.8	306.1	321.3	253.1	213.2
Cole	1995	109.3	144.0	261.9	294.3	219.8	163.4	167.4	171.7	143.7
	1996	144.3	203.1	270.1	278.3	245.9	125.2	137.0	161.0	149.8
	1997	145.3	180.7	247.0	215.7	174.5	119.1	107.1	116.1	217.5
	1998	143.9	88.7	253.0	242.6	167.8	152.8	208.6	147.8	177.1
	1999	130.7	227.1	248.0	193.8	227.0	147.6	206.9	143.0	170.2
	2000	134.0	129.4	259.2	250.2	206.3	159.2	184.2	167.6	190.8
Cook	1995	77.2	66.1	152.4	142.7	110.8	99.3	109.9	112.5	86.2
	1996	85.1	71.6	108.0	118.7	108.6	73.2	118.4	118.3	143.8
	1997	72.8	102.5	111.1	118.7	114.3	79.3	82.5	108.5	90.0
	1998	91.6	33.3	95.4	99.4	115.4	96.7	97.8	96.5	54.1
	1999	149.6	83.1	89.0	101.0	90.8	68.0	90.3	50.6	84.7
	2000	95.0	33.8	149.4	134.1	113.8	91.5	89.9	63.8	31.8
Elder 14	1995	150.4	148.7	482.7	562.9	398.1	448.4	443.8	446.4	391.9
	1996	263.0	255.8	445.7	455.1	538.0	371.0	490.7	307.4	474.8
	1997	218.1	349.9	429.1	475.2	470.9	370.3	452.6	274.4	549.9
	1998	169.0	127.6	452.0	485.3	402.1	270.0	434.3	323.8	358.8
	1999	202.1	312.0	482.6	490.0	481.2	294.2	429.2	359.4	478.5
	2000	112.7	319.0	397.9	410.8	471.8	353.5	457.6	456.8	401.8
Elder 1	1995	49.2	41.6	112.7	122.2	108.7	106.5	122.1	117.6	96.3
	1996	37.6	65.3	119.4	131.6	119.6	135.1	104.6	132.0	74.0
	1997	53.8	67.8	117.8	82.2	100.7	111.4	122.1	150.1	65.3
	1998	67.9	55.4	88.0	86.3	118.6	88.2	101.0	116.6	98.5
	1999	76.7	58.6	82.4	84.1	118.4	92.3	68.3	87.2	83.1
	2000	77.5	78.7	97.3	91.8	103.8	103.7	66.3	92.5	50.2
Elder 3	1995	25.4	16.2	24.8	34.8	39.9	49.4	77.0	56.0	81.2
	1996	38.7	26.8	44.3	43.5	44.5	50.7	40.9	76.8	61.6
	1997	23.6	30.9	37.6	22.9	41.9	49.4	64.8	64.3	25.9

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1998	39.2	22.7	15.5	34.2	38.3	42.7	44.7	45.4	43.2
	1999	39.7	20.3	20.2	36.2	45.2	49.4	49.3	44.0	57.4
	2000	22.1	33.3	20.0	35.6	54.1	52.7	46.5	49.1	22.6
Elder	1995	11.9	19.1	41.7	37.5	40.5	37.8	51.4	48.1	33.4
	1996	24.9	30.2	37.6	36.4	39.2	37.9	31.3	35.1	10.1
	1997	17.1	55.5	47.7	33.3	33.2	37.9	34.2	48.0	17.1
	1998	17.2	27.5	35.7	40.0	40.7	44.8	49.1	33.1	28.8
	1999	17.9	15.6	48.1	28.4	41.2	41.8	48.7	22.5	16.9
	2000	12.8	34.3	38.6	42.5	51.0	39.3	38.1	18.3	20.6
Fillaree	1995	483.7	717.6	1121.4	1244.4	1170.6	1331.9	1096.7	1718.7	1095.7
	1996	505.0	807.8	1429.1	1440.5	1278.4	1214.9	1206.8	1386.2	1029.2
	1997	651.4	1028.1	1408.3	1229.8	1219.3	1325.2	1308.2	1594.8	1144.2
	1998	692.9	527.2	1289.4	1319.9	1122.5	1008.9	1036.7	928.8	1029.7
	1999	637.5	959.3	1171.4	1109.0	1185.2	1312.5	967.7	1000.5	977.6
	2000	598.4	419.2	949.1	1074.8	1095.8	999.5	840.4	876.7	871.1
Flax	1995	44.6	112.3	161.9	165.8	217.1	176.2	191.6	172.6	73.0
	1996	60.2	56.4	161.0	139.7	190.5	145.3	126.3	175.8	160.2
	1997	52.2	73.0	185.2	159.7	194.5	166.6	173.0	181.7	102.3
	1998	52.0	64.6	126.5	163.0	207.8	126.8	210.3	172.4	148.4
	1999	65.9	94.8	119.5	160.2	188.4	166.9	135.3	148.8	161.9
	2000	55.2	89.7	119.9	149.8	198.1	158.4	106.5	173.6	172.1
Gardner	1995	122.4	177.9	176.5	233.4	185.2	210.5	221.0	237.8	247.7
	1996	191.0	138.6	247.4	220.5	185.8	171.6	225.3	210.6	248.9
	1997	180.7	192.3	218.8	211.1	188.5	134.4	187.4	182.5	177.9
	1998	107.2	132.3	198.1	232.7	184.3	117.9	163.3	132.2	237.1
	1999	122.7	119.5	175.2	219.4	145.9	227.9	191.5	143.9	69.5
	2000	179.0	123.3	194.5	198.2	139.9	136.3	161.8	143.4	208.5
Livesley	1995	100.4	187.0	414.3	398.6	295.5	259.3	374.4	334.0	444.7
	1996	242.1	190.4	375.1	385.0	320.2	306.8	265.6	284.8	242.7
	1997	112.8	250.2	349.9	375.3	319.6	277.3	385.9	391.7	429.8
	1998	144.3	87.6	317.0	437.2	303.3	266.5	411.2	386.7	468.7
	1999	102.5	198.7	358.2	309.3	433.1	318.5	264.1	375.6	256.0
	2000	47.9	71.2	306.6	425.0	398.2	346.2	267.4	326.8	364.8
Malan	1995	21.7	32.7	51.9	50.9	22.0	14.1	51.3	9.1	17.4
	1996	22.4	33.2	39.6	48.7	34.1	30.5	43.3	6.5	11.8
	1997	24.7	32.4	38.4	33.0	5.3	42.0	23.6	17.0	32.8
	1998	13.5	30.6	16.1	43.1	10.0	12.3	11.6	28.6	17.0
	1999	34.8	32.4	41.0	38.0	32.2	11.0	81.4	4.0	15.5
	2000	13.4	42.1	16.4	43.3	53.3	30.3	27.2	13.3	18.3
Meserve	1995	33.3	14.2	74.3	58.0	92.0	80.9	73.5	81.0	4.9
	1996	74.4	47.6	53.3	76.6	67.4	89.3	60.4	96.9	48.5

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1997	46.4	58.7	46.7	76.5	71.5	89.2	78.8	38.5	59.9	
	54.1	41.9	62.1	75.2	67.5	81.0	39.7	39.2	44.3	
	13.7	50.6	66.6	99.0	76.0	85.2	65.7	76.5	20.2	
	24.6	63.8	43.0	68.3	80.8	76.8	75.8	93.8	113.0	
New River	1995	2628.1	2743.3	4193.7	4832.4	4669.0	3930.4	3890.3	4311.8	3990.0
	1996	3427.9	3280.3	4563.5	4853.7	4499.1	4172.0	4048.3	3732.9	3994.5
	1997	2838.8	3287.4	4681.4	4508.8	4507.4	3953.8	3982.1	4022.6	3879.1
	1998	3215.9	1974.2	4060.7	4409.0	4350.9	3310.2	4075.6	3751.9	3316.9
	1999	3548.1	2676.3	4256.5	4233.9	4544.9	3957.3	3777.3	3286.5	3051.4
	2000	3073.1	2720.1	3921.5	4329.6	4152.1	3563.2	4032.1	3624.1	3444.5
North Central	1995	381.3	489.6	943.7	850.1	941.2	927.9	950.2	976.9	734.4
	1996	517.3	583.6	884.5	1029.2	883.8	838.1	841.9	853.3	900.3
	1997	467.2	614.4	991.4	980.2	912.6	824.5	813.4	935.4	1103.3
	1998	509.6	308.6	811.7	951.3	810.8	718.6	671.8	786.5	626.8
	1999	520.0	446.7	782.1	899.8	746.2	635.3	653.1	609.3	528.3
	2000	424.7	408.0	748.1	837.0	799.9	719.8	565.4	553.0	684.4
O'Brien	1995	42.6	8.3	50.3	74.5	94.0	90.4	67.9	100.8	43.5
	1996	66.0	25.8	78.0	51.1	52.9	73.3	79.0	41.0	88.0
	1997	63.8	41.3	88.7	57.5	79.0	30.2	74.1	24.5	78.0
	1998	58.2	29.7	51.6	63.2	39.8	16.0	24.3	80.2	50.9
	1999	32.3	49.1	54.7	78.9	41.8	61.5	26.6	49.3	60.4
	2000	51.3	42.4	48.6	58.7	71.9	71.5	46.2	43.0	57.3
Pinner	1995	183.1	201.7	401.1	427.2	355.9	329.2	363.0	287.7	212.4
	1996	241.4	362.5	393.6	422.2	358.9	323.6	374.8	317.8	304.2
	1997	188.7	248.3	387.2	452.9	377.7	271.9	369.5	245.2	246.8
	1998	280.9	126.2	332.5	441.1	399.8	317.8	325.1	284.9	340.5
	1999	222.9	207.2	347.7	386.7	423.8	388.3	368.0	281.8	240.3
	2000	235.8	256.9	351.5	385.1	334.3	330.2	342.6	303.8	241.5
Raymond	1995	151.7	104.0	369.5	440.5	456.3	417.1	427.1	334.8	254.0
	1996	214.3	365.6	383.9	428.2	394.8	496.6	341.5	307.6	349.0
	1997	162.0	301.3	293.5	354.6	312.1	234.8	194.8	358.9	168.4
	1998	124.4	126.3	317.9	309.5	326.5	273.5	346.6	384.1	266.6
	1999	229.6	160.3	396.4	342.4	327.3	331.8	298.0	271.6	203.3
	2000	239.6	213.9	296.6	340.4	365.5	319.5	275.0	285.3	322.2
Reed 13	1995	55.8	57.9	86.1	113.6	55.1	39.9	18.0	48.0	30.1
	1996	74.4	49.3	77.4	95.5	43.3	4.1	8.8	78.2	9.9
	1997	68.7	33.5	58.8	77.7	56.6	55.5	71.7	83.5	27.6
	1998	52.6	43.4	57.6	90.2	47.6	63.4	60.5	58.8	36.7
	1999	96.4	61.1	75.4	90.5	63.5	26.2	36.7	56.5	20.2
	2000	65.2	45.5	49.2	90.7	44.0	36.0	84.0	25.2	55.8
Reed 15	1995	27.3	46.4	68.9	51.4	66.7	37.8	83.2	59.7	35.5

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1996	54.0	26.6	55.2	73.6	97.1	27.8	50.8	88.3	52.2
	1997	48.0	41.0	83.4	85.7	59.7	43.8	54.2	63.3	0.0
	1998	81.4	53.4	65.4	66.5	27.4	18.1	68.9	6.7	0.0
	1999	58.2	20.4	61.0	46.7	47.1	18.9	39.1	23.9	89.4
	2000	63.5	62.1	69.2	79.6	26.3	6.2	15.5	56.3	24.2
Riley 11	1995	48.4	38.2	77.8	89.7	44.5	61.9	67.0	33.4	77.0
	1996	47.6	46.4	85.8	92.4	39.3	10.8	58.5	41.9	18.3
	1997	50.5	63.4	84.7	97.5	45.0	34.3	72.1	42.5	53.6
	1998	70.8	21.3	67.8	97.3	44.3	57.3	57.9	69.0	60.1
	1999	61.9	98.5	77.7	81.7	53.5	32.6	34.0	75.6	25.1
	2000	77.2	63.9	91.9	80.0	37.1	19.4	37.5	46.8	32.9
Salt Creek	1995	1185.0	1880.3	2521.7	3098.2	2998.3	3050.3	2737.7	2894.8	2271.7
	1996	1610.1	1767.4	2552.3	3132.6	2799.8	2913.8	2666.3	2589.6	2216.9
	1997	1775.8	1973.6	2827.4	2872.8	2817.2	3017.0	3101.5	3078.6	2841.3
	1998	1486.3	1587.8	2385.6	2444.7	2993.4	2385.2	2779.0	2605.3	2170.6
	1999	1395.2	1719.8	2631.2	2569.0	3053.0	2773.4	2346.4	2064.1	2000.2
	2000	1255.0	1733.0	2129.3	2704.4	2950.3	2643.2	2585.6	2002.2	2281.4
Seeley	1995	295.1	322.6	587.7	769.0	677.9	556.4	647.6	599.7	358.7
	1996	357.8	312.1	625.5	616.5	606.1	762.9	697.4	481.9	401.3
	1997	334.2	454.9	624.4	599.7	573.2	630.7	611.9	581.0	409.6
	1998	460.2	171.8	601.4	676.9	694.9	459.6	572.8	407.0	375.7
	1999	301.0	334.3	637.3	591.1	662.6	592.6	476.5	568.3	390.8
	2000	427.0	278.8	583.7	554.6	706.2	742.7	512.6	476.5	438.6
Similax	1995	0.0	0.0	18.0	26.5	7.5	17.9	20.7	0.0	25.4
	1996	16.6	24.7	19.2	24.6	6.2	16.8	22.8	19.5	0.0
	1997	0.0	45.4	16.9	0.0	9.6	27.9	14.7	16.3	0.0
	1998	12.3	28.3	17.8	25.0	1.2	0.0	19.5	0.0	0.0
	1999	27.2	27.0	17.5	28.5	0.0	0.0	17.3	0.0	25.7
	2000	0.0	0.0	13.3	20.7	6.3	21.2	18.8	6.1	27.1
Spruce 1	1995	114.7	161.2	138.5	235.7	187.4	194.0	155.5	193.0	166.7
	1996	180.5	156.4	204.1	238.4	250.3	181.2	135.7	128.6	113.2
	1997	172.3	185.3	201.1	182.5	182.7	175.4	187.5	179.3	219.6
	1998	97.8	67.0	173.2	218.7	180.0	189.4	168.6	190.3	183.8
	1999	179.4	156.4	280.4	214.1	245.1	208.5	158.6	222.1	212.7
	2000	105.2	82.1	143.3	247.8	234.1	185.7	135.9	97.0	106.7
Spruce 3	1995	57.3	83.2	133.2	104.7	154.4	161.9	182.5	114.1	88.7
	1996	70.1	97.1	97.7	149.5	149.0	100.9	86.5	154.6	99.0
	1997	95.7	66.0	91.7	134.3	113.0	146.9	149.8	151.2	110.9
	1998	64.6	75.8	87.7	97.0	134.5	127.9	133.5	97.3	71.0
	1999	110.2	118.2	178.3	87.7	96.0	145.3	121.7	97.3	88.3
	2000	136.9	68.1	129.6	110.5	60.5	72.1	77.3	67.8	86.2

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spruce 4	1995	40.5	37.0	71.1	57.2	55.6	28.1	0.0	19.7	34.3
	1996	48.4	30.4	45.6	51.1	84.2	72.6	65.4	51.8	53.7
	1997	66.9	27.4	45.7	52.3	67.8	33.1	75.1	82.2	33.7
	1998	58.5	18.7	52.5	47.0	53.5	77.7	90.7	30.0	35.8
	1999	48.3	29.1	71.8	47.0	52.6	75.6	79.8	49.5	31.1
	2000	36.6	26.3	35.7	54.0	19.5	102.4	90.4	51.7	35.9
Spruce	1995	281.0	385.9	629.7	670.2	612.3	498.2	484.2	428.8	431.4
	1996	330.9	464.2	604.6	547.9	574.7	517.0	425.0	480.1	448.1
	1997	258.8	475.0	524.4	564.1	519.3	372.2	466.9	392.9	395.3
	1998	427.7	312.6	406.2	466.3	502.3	391.2	476.1	469.1	280.4
	1999	437.8	238.3	517.3	437.1	543.5	394.9	276.9	378.5	270.4
	2000	342.5	219.2	466.7	485.6	503.9	423.1	275.3	417.6	273.2
Sumac	1995	188.9	197.3	369.8	340.6	328.6	293.8	310.5	327.5	376.6
	1996	288.4	246.3	314.0	293.5	305.2	233.4	297.5	237.5	213.7
	1997	269.3	208.3	333.9	307.9	355.8	304.8	390.8	245.3	200.2
	1998	215.9	138.9	334.3	290.6	355.1	209.9	293.3	297.3	259.4
	1999	186.1	277.4	378.3	326.6	331.4	230.0	208.9	242.3	210.4
	2000	246.0	280.7	306.4	282.1	293.6	246.7	282.1	278.7	303.4
Tamarack	1995	143.9	115.2	273.7	289.5	353.0	254.4	230.9	213.5	358.8
	1996	202.3	178.7	303.5	326.3	316.5	272.1	206.8	216.8	269.5
	1997	206.8	200.0	271.5	344.1	290.2	206.0	171.2	308.3	280.5
	1998	181.0	62.1	269.9	294.6	316.4	188.3	266.1	210.1	353.5
	1999	205.8	146.0	294.4	281.4	314.2	115.2	189.7	106.7	286.8
	2000	125.8	145.5	228.1	280.6	299.1	174.3	236.7	231.4	245.3
Timothy 1	1995	547.8	618.3	1159.1	1363.5	1014.2	844.6	796.4	807.3	836.4
	1996	642.1	745.6	968.0	1085.8	924.0	887.3	925.3	814.0	859.1
	1997	562.9	804.8	990.7	1041.4	868.0	777.2	809.8	826.6	915.2
	1998	637.0	639.1	882.9	1047.5	950.4	651.2	864.7	645.7	719.7
	1999	861.9	769.1	1098.0	986.2	964.2	758.9	680.2	665.6	605.2
	2000	796.3	685.5	1162.6	1038.5	800.0	595.3	763.1	782.2	689.0
Timothy 2	1995	99.8	136.9	274.2	289.3	210.8	143.0	174.2	130.4	206.1
	1996	145.6	113.7	220.8	254.6	257.3	106.5	182.8	150.6	149.2
	1997	99.8	173.2	174.8	186.1	182.7	145.2	153.0	108.4	190.2
	1998	82.6	56.1	145.2	165.7	196.5	152.8	148.3	128.0	158.7
	1999	159.4	45.6	188.3	177.7	178.9	109.1	132.8	102.0	178.1
	2000	151.3	115.0	157.6	159.7	188.0	107.0	151.6	155.4	115.4
Trifolium 3	1995	413.0	485.2	738.1	896.7	665.9	534.8	568.7	772.4	460.4
	1996	503.4	582.9	797.6	789.4	610.1	511.7	674.9	667.5	477.2
	1997	556.8	516.7	818.5	711.1	686.5	620.3	576.3	691.1	562.6
	1998	504.2	454.3	671.3	814.6	782.7	478.4	660.8	659.0	435.3
	1999	590.1	554.3	935.6	865.8	641.1	592.2	476.2	488.5	399.9
	2000	484.5	443.7	698.9	721.9	714.7	464.8	486.5	507.0	439.8

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Table C- 16: Calculated Minor Drain Flows (excluding NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vail	1995	120.1	202.3	272.0	251.3	194.8	139.1	236.5	108.5	79.5
	1996	150.4	154.7	295.8	219.5	157.5	259.2	201.0	182.0	166.0
	1997	126.9	198.8	217.5	209.2	259.9	282.5	212.5	266.5	232.3
	1998	134.8	79.5	212.5	246.5	101.0	70.4	201.2	201.4	268.4
	1999	207.9	116.4	188.3	229.6	261.6	240.1	171.6	187.7	229.6
	2000	149.0	125.3	226.3	216.2	206.6	237.0	234.1	211.0	157.5
Wixom	1995	47.5	144.8	189.0	196.4	226.2	250.3	207.2	245.6	187.4
	1996	68.7	165.8	247.3	230.0	180.3	261.6	197.2	176.3	171.5
	1997	46.1	125.3	238.0	224.2	201.6	205.4	243.5	289.1	165.5
	1998	77.8	61.9	169.1	162.0	236.1	176.9	201.4	283.3	229.1
	1999	41.4	76.3	168.4	213.3	266.9	277.8	139.0	172.6	129.4
	2000	68.9	116.9	201.2	242.0	275.1	197.6	298.8	213.4	220.7
Wormwood 7	1995	207.1	230.2	367.5	442.3	441.3	368.4	328.0	367.0	153.7
	1996	199.1	150.8	393.5	359.9	325.0	362.3	317.6	309.9	280.7
	1997	244.6	266.7	335.3	382.1	418.7	331.1	337.1	422.8	174.8
	1998	292.7	176.9	347.6	371.8	393.5	298.7	311.9	235.5	313.4
	1999	360.0	173.8	380.9	387.0	394.1	338.3	334.8	350.7	277.7
	2000	227.8	181.2	324.6	345.7	334.5	334.5	319.7	243.5	204.8

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
All-American 10	1995	224.4	176.9	246.8	391.9	414.1	301.7	292.9	328.7	364.3
	1996	274.8	215.9	323.7	369.5	261.6	266.9	298.8	327.4	388.2
	1997	312.0	182.3	321.4	339.7	319.3	212.8	304.0	316.5	370.8
	1998	270.5	140.8	243.3	331.7	328.9	263.9	307.9	310.1	361.7
	1999	278.4	234.8	305.0	314.0	358.5	376.2	304.7	350.1	263.0
	2000	295.8	255.4	246.6	316.1	413.8	352.2	308.2	331.5	251.1
All-American 14	1995	2.7	1.9	3.6	3.2	2.7	2.6	3.0	2.2	3.7
	1996	4.4	4.2	2.9	3.3	2.8	2.3	2.7	3.0	3.6
	1997	2.7	3.9	3.2	3.2	3.3	2.7	2.8	3.2	4.0
	1998	5.1	1.7	2.8	3.0	2.3	2.5	2.6	2.3	3.2
	1999	2.4	2.9	3.7	3.4	1.5	2.9	3.0	2.9	3.6
	2000	4.8	3.8	2.2	3.1	2.8	2.3	2.7	3.0	3.6
All-American 9	1995	50.4	65.2	216.3	162.8	213.6	236.8	177.3	224.3	212.6
	1996	82.9	71.2	183.5	247.6	236.6	215.7	214.8	255.3	245.0
	1997	63.4	67.1	209.4	220.8	292.9	181.5	238.4	192.8	267.3
	1998	41.8	71.6	142.8	172.7	269.7	122.6	105.7	244.4	36.2
	1999	72.6	153.6	152.8	216.3	107.4	90.9	80.6	203.2	158.3
	2000	62.4	121.6	140.2	179.0	189.7	104.4	121.1	168.6	13.6
Baughman	1995	83.7	60.5	173.4	185.0	197.7	177.7	170.5	159.3	127.0
	1996	129.6	111.5	174.3	128.0	172.7	142.8	91.8	167.0	71.4
	1997	61.6	131.2	129.0	116.6	129.9	171.7	187.0	138.8	58.7
	1998	156.7	90.2	151.5	149.8	115.7	62.7	103.3	120.5	39.3
	1999	85.1	130.4	142.3	89.1	158.4	162.2	130.0	102.8	85.3
	2000	101.9	79.2	133.9	134.1	153.2	87.5	113.5	131.0	154.1
Beech	1995	285.5	482.0	695.8	697.7	585.4	448.3	480.2	403.0	382.4
	1996	443.1	536.3	631.1	550.1	452.9	480.9	521.0	447.7	509.6
	1997	363.4	523.6	616.8	575.1	534.0	457.1	429.4	509.2	280.9
	1998	273.0	272.4	634.1	659.2	500.8	356.0	486.9	457.3	415.8
	1999	384.2	357.3	608.7	558.7	626.1	449.9	421.2	384.2	203.2
	2000	362.9	416.2	610.8	625.5	651.0	427.2	507.9	494.3	525.6
Best	1995	109.1	121.2	219.8	197.3	160.1	139.3	269.0	136.3	195.0
	1996	161.3	142.9	235.3	251.7	90.0	104.1	208.4	75.1	195.7
	1997	153.5	154.5	256.0	224.7	69.8	42.6	121.1	47.5	170.2
	1998	156.8	105.5	215.3	156.1	96.7	111.0	121.6	60.4	114.6
	1999	104.2	136.0	214.8	202.8	141.4	101.3	147.3	93.2	98.6
	2000	120.8	50.2	197.7	183.3	101.5	221.9	185.1	84.5	109.1
Birch 3	1995	23.6	28.9	31.5	58.6	46.6	34.5	30.7	27.9	19.3
	1996	14.9	40.8	22.1	51.3	35.7	52.2	44.6	38.1	30.5
	1997	36.1	29.0	46.2	50.3	27.2	43.1	39.1	71.5	24.6
	1998	21.6	29.9	69.5	45.8	43.9	47.5	32.2	75.2	36.3

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1999	27.2	39.4	63.2	60.6	61.8	47.9	34.0	52.3	3.6
	2000	49.8	31.8	46.9	48.2	46.0	44.0	21.5	25.1	9.6
Blue Lake	1995	160.3	91.0	226.6	276.3	339.0	269.9	273.9	283.6	192.6
	1996	189.1	123.9	171.1	320.3	296.3	324.9	319.3	230.0	354.4
	1997	200.8	182.7	325.0	326.9	308.1	289.7	287.2	302.4	198.8
	1998	218.9	79.2	239.1	301.7	305.9	288.2	307.5	206.4	286.1
	1999	237.6	142.4	345.9	295.7	313.6	287.0	238.7	271.2	213.9
	2000	178.4	161.1	275.8	255.4	313.1	316.7	290.9	267.9	203.3
Bullhead Slough	1995	150.1	173.8	237.6	417.6	363.8	407.1	283.0	308.2	298.0
	1996	153.0	192.1	252.3	371.2	350.5	379.9	280.2	281.2	203.5
	1997	181.7	164.8	261.9	322.7	343.5	398.8	344.1	336.5	237.4
	1998	211.9	122.0	240.2	385.2	353.0	253.6	295.2	261.5	254.0
	1999	265.2	212.8	332.8	370.7	358.2	315.8	283.9	213.7	257.5
	2000	148.9	153.4	309.5	311.2	321.8	306.1	321.3	253.1	213.2
Cole	1995	109.3	144.0	261.9	294.3	219.8	163.4	167.4	171.7	143.7
	1996	144.3	203.1	270.1	278.3	245.9	125.2	137.0	161.0	149.8
	1997	145.3	180.7	247.0	215.7	174.5	119.1	107.1	116.1	217.5
	1998	143.9	88.7	253.0	242.6	167.8	152.8	208.6	147.8	177.1
	1999	130.7	227.1	248.0	193.8	227.0	147.6	206.9	143.0	170.2
	2000	134.0	129.4	259.2	250.2	206.3	159.2	184.2	167.6	190.8
Cook	1995	77.2	66.1	152.4	142.7	110.8	99.3	109.9	112.5	86.2
	1996	85.1	71.6	108.0	118.7	108.6	73.2	118.4	118.3	143.8
	1997	72.8	102.5	111.1	118.7	114.3	79.3	82.5	108.5	90.0
	1998	91.6	33.3	95.4	99.4	115.4	96.7	97.8	96.5	54.1
	1999	149.6	83.1	89.0	101.0	90.8	68.0	90.3	50.6	84.7
	2000	95.0	33.8	149.4	134.1	113.8	91.5	89.9	63.8	31.8
Elder 14	1995	150.4	148.7	482.7	562.9	398.1	448.4	443.8	446.4	391.9
	1996	263.0	255.8	445.7	455.1	538.0	371.0	490.7	307.4	474.8
	1997	218.1	349.9	429.1	475.2	470.9	370.3	452.6	274.4	549.9
	1998	169.0	127.6	452.0	485.3	402.1	270.0	434.3	323.8	358.8
	1999	202.1	312.0	482.6	490.0	481.2	294.2	429.2	359.4	478.5
	2000	112.7	319.0	397.9	410.8	471.8	353.5	457.6	456.8	401.8
Elder 1	1995	49.2	41.6	112.7	122.2	108.7	106.5	122.1	117.6	96.3
	1996	37.6	65.3	119.4	131.6	119.6	135.1	104.6	132.0	74.0
	1997	53.8	67.8	117.8	82.2	100.7	111.4	122.1	150.1	65.3
	1998	67.9	55.4	88.0	86.3	118.6	88.2	101.0	116.6	98.5
	1999	76.7	58.6	82.4	84.1	118.4	92.3	68.3	87.2	83.1
	2000	77.5	78.7	97.3	91.8	103.8	103.7	66.3	92.5	50.2
Elder 3	1995	25.4	16.2	24.8	34.8	39.9	49.4	77.0	56.0	81.2
	1996	38.7	26.8	44.3	43.5	44.5	50.7	40.9	76.8	61.6
	1997	23.6	30.9	37.6	22.9	41.9	49.4	64.8	64.3	25.9

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1998	39.2	22.7	15.5	34.2	38.3	42.7	44.7	45.4	43.2
	1999	39.7	20.3	20.2	36.2	45.2	49.4	49.3	44.0	57.4
	2000	22.1	33.3	20.0	35.6	54.1	52.7	46.5	49.1	22.6
Elder	1995	11.9	19.1	41.7	37.5	40.5	37.8	51.4	48.1	33.4
	1996	24.9	30.2	37.6	36.4	39.2	37.9	31.3	35.1	10.1
	1997	17.1	55.5	47.7	33.3	33.2	37.9	34.2	48.0	17.1
	1998	17.2	27.5	35.7	40.0	40.7	44.8	49.1	33.1	28.8
	1999	17.9	15.6	48.1	28.4	41.2	41.8	48.7	22.5	16.9
	2000	12.8	34.3	38.6	42.5	51.0	39.3	38.1	18.3	20.6
Fillaree	1995	483.7	717.6	1121.4	1244.4	1170.6	1331.9	1096.7	1718.7	1095.7
	1996	505.0	807.8	1429.1	1440.5	1278.4	1214.9	1206.8	1386.2	1029.2
	1997	651.4	1028.1	1408.3	1229.8	1219.3	1325.2	1308.2	1594.8	1144.2
	1998	692.9	527.2	1289.4	1319.9	1122.5	1008.9	1036.7	928.8	1029.7
	1999	637.5	959.3	1171.4	1109.0	1185.2	1312.5	967.7	1000.5	977.6
	2000	598.4	419.2	949.1	1074.8	1095.8	999.5	840.4	876.7	871.1
Flax	1995	44.6	112.3	161.9	165.8	217.1	176.2	191.6	172.6	73.0
	1996	60.2	56.4	161.0	139.7	190.5	145.3	126.3	175.8	160.2
	1997	52.2	73.0	185.2	159.7	194.5	166.6	173.0	181.7	102.3
	1998	52.0	64.6	126.5	163.0	207.8	126.8	210.3	172.4	148.4
	1999	65.9	94.8	119.5	160.2	188.4	166.9	135.3	148.8	161.9
	2000	55.2	89.7	119.9	149.8	198.1	158.4	106.5	173.6	172.1
Gardner	1995	122.4	177.9	176.5	233.4	185.2	210.5	221.0	237.8	247.7
	1996	191.0	138.6	247.4	220.5	185.8	171.6	225.3	210.6	248.9
	1997	180.7	192.3	218.8	211.1	188.5	134.4	187.4	182.5	177.9
	1998	107.2	132.3	198.1	232.7	184.3	117.9	163.3	132.2	237.1
	1999	122.7	119.5	175.2	219.4	145.9	227.9	191.5	143.9	69.5
	2000	179.0	123.3	194.5	198.2	139.9	136.3	161.8	143.4	208.5
Livesley	1995	100.4	187.0	414.3	398.6	295.5	259.3	374.4	334.0	444.7
	1996	242.1	190.4	375.1	385.0	320.2	306.8	265.6	284.8	242.7
	1997	112.8	250.2	349.9	375.3	319.6	277.3	385.9	391.7	429.8
	1998	144.3	87.6	317.0	437.2	303.3	266.5	411.2	386.7	468.7
	1999	102.5	198.7	358.2	309.3	433.1	318.5	264.1	375.6	256.0
	2000	47.9	71.2	306.6	425.0	398.2	346.2	267.4	326.8	364.8
Malan	1995	21.7	32.7	51.9	50.9	22.0	14.1	51.3	9.1	17.4
	1996	22.4	33.2	39.6	48.7	34.1	30.5	43.3	6.5	11.8
	1997	24.7	32.4	38.4	33.0	5.3	42.0	23.6	17.0	32.8
	1998	13.5	30.6	16.1	43.1	10.0	12.3	11.6	28.6	17.0
	1999	34.8	32.4	41.0	38.0	32.2	11.0	81.4	4.0	15.5
	2000	13.4	42.1	16.4	43.3	53.3	30.3	27.2	13.3	18.3
Meserve	1995	33.3	14.2	74.3	58.0	92.0	80.9	73.5	81.0	4.9
	1996	74.4	47.6	53.3	76.6	67.4	89.3	60.4	96.9	48.5

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1997	46.4	58.7	46.7	76.5	71.5	89.2	78.8	38.5	59.9	
	54.1	41.9	62.1	75.2	67.5	81.0	39.7	39.2	44.3	
	13.7	50.6	66.6	99.0	76.0	85.2	65.7	76.5	20.2	
	24.6	63.8	43.0	68.3	80.8	76.8	75.8	93.8	113.0	
New River	1995	2072.9	2276.3	3668.1	4305.0	4159.7	3417.0	3490.3	3776.5	3407.1
	1996	2893.8	2763.2	4044.0	4489.3	3927.2	3652.3	3454.4	3190.8	3396.8
	1997	2198.9	2706.7	4077.3	4096.6	3895.7	3425.7	3419.3	3674.6	3526.4
	1998	2648.8	1462.7	3507.6	3861.6	3802.7	2776.2	3488.3	3150.2	2724.3
	1999	2971.9	2162.7	3712.2	3661.0	3970.7	3399.1	3208.0	2765.6	2514.8
	2000	2551.1	2234.0	3359.7	3755.0	3573.1	3015.9	3468.1	3042.1	2876.6
North Central	1995	381.3	489.6	943.7	850.1	941.2	927.9	950.2	976.9	734.4
	1996	517.3	583.6	884.5	1029.2	883.8	838.1	841.9	853.3	900.3
	1997	467.2	614.4	991.4	980.2	912.6	824.5	813.4	935.4	1103.3
	1998	509.6	308.6	811.7	951.3	810.8	718.6	671.8	786.5	626.8
	1999	520.0	446.7	782.1	899.8	746.2	635.3	653.1	609.3	528.3
	2000	424.7	408.0	748.1	837.0	799.9	719.8	565.4	553.0	684.4
O'Brien	1995	42.6	8.3	50.3	74.5	94.0	90.4	67.9	100.8	43.5
	1996	66.0	25.8	78.0	51.1	52.9	73.3	79.0	41.0	88.0
	1997	63.8	41.3	88.7	57.5	79.0	30.2	74.1	24.5	78.0
	1998	58.2	29.7	51.6	63.2	39.8	16.0	24.3	80.2	50.9
	1999	32.3	49.1	54.7	78.9	41.8	61.5	26.6	49.3	60.4
	2000	51.3	42.4	48.6	58.7	71.9	71.5	46.2	43.0	57.3
Pinner	1995	183.1	201.7	401.1	427.2	355.9	329.2	363.0	287.7	212.4
	1996	241.4	362.5	393.6	422.2	358.9	323.6	374.8	317.8	304.2
	1997	188.7	248.3	387.2	452.9	377.7	271.9	369.5	245.2	246.8
	1998	280.9	126.2	332.5	441.1	399.8	317.8	325.1	284.9	340.5
	1999	222.9	207.2	347.7	386.7	423.8	388.3	368.0	281.8	240.3
	2000	235.8	256.9	351.5	385.1	334.3	330.2	342.6	303.8	241.5
Raymond	1995	151.7	104.0	369.5	440.5	456.3	417.1	427.1	334.8	254.0
	1996	214.3	365.6	383.9	428.2	394.8	496.6	341.5	307.6	349.0
	1997	162.0	301.3	293.5	354.6	312.1	234.8	194.8	358.9	168.4
	1998	124.4	126.3	317.9	309.5	326.5	273.5	346.6	384.1	266.6
	1999	229.6	160.3	396.4	342.4	327.3	331.8	298.0	271.6	203.3
	2000	239.6	213.9	296.6	340.4	365.5	319.5	275.0	285.3	322.2
Reed 13	1995	55.8	57.9	86.1	113.6	55.1	39.9	18.0	48.0	30.1
	1996	74.4	49.3	77.4	95.5	43.3	4.1	8.8	78.2	9.9
	1997	68.7	33.5	58.8	77.7	56.6	55.5	71.7	83.5	27.6
	1998	52.6	43.4	57.6	90.2	47.6	63.4	60.5	58.8	36.7
	1999	96.4	61.1	75.4	90.5	63.5	26.2	36.7	56.5	20.2
	2000	65.2	45.5	49.2	90.7	44.0	36.0	84.0	25.2	55.8
Reed 15	1995	27.3	46.4	68.9	51.4	66.7	37.8	83.2	59.7	35.5

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1996	54.0	26.6	55.2	73.6	97.1	27.8	50.8	88.3	52.2
	1997	48.0	41.0	83.4	85.7	59.7	43.8	54.2	63.3	0.0
	1998	81.4	53.4	65.4	66.5	27.4	18.1	68.9	6.7	0.0
	1999	58.2	20.4	61.0	46.7	47.1	18.9	39.1	23.9	89.4
	2000	63.5	62.1	69.2	79.6	26.3	6.2	15.5	56.3	24.2
Riley 11	1995	48.4	38.2	77.8	89.7	44.5	61.9	67.0	33.4	77.0
	1996	47.6	46.4	85.8	92.4	39.3	10.8	58.5	41.9	18.3
	1997	50.5	63.4	84.7	97.5	45.0	34.3	72.1	42.5	53.6
	1998	70.8	21.3	67.8	97.3	44.3	57.3	57.9	69.0	60.1
	1999	61.9	98.5	77.7	81.7	53.5	32.6	34.0	75.6	25.1
	2000	77.2	63.9	91.9	80.0	37.1	19.4	37.5	46.8	32.9
Salt Creek	1995	1149.0	1849.7	2490.5	3071.4	2973.2	3022.9	2699.4	2852.8	2233.4
	1996	1610.1	1729.5	2513.4	3097.4	2760.8	2870.7	2616.7	2545.4	2173.9
	1997	1731.1	1932.9	2777.9	2825.6	2767.3	2972.1	3052.4	3027.4	2790.6
	1998	1459.1	1563.7	2348.5	2404.7	2947.9	2335.9	2724.5	2559.1	2114.1
	1999	1340.5	1669.7	2572.8	2512.9	2996.2	2714.1	2283.0	2011.0	1947.2
	2000	1200.7	1685.7	2077.0	2654.6	2896.9	2588.3	2519.8	1936.9	2219.5
Seeley	1995	295.1	322.6	587.7	769.0	677.9	556.4	647.6	599.7	358.7
	1996	357.8	312.1	625.5	616.5	606.1	762.9	697.4	481.9	401.3
	1997	334.2	454.9	624.4	599.7	573.2	630.7	611.9	581.0	409.6
	1998	460.2	171.8	601.4	676.9	694.9	459.6	572.8	407.0	375.7
	1999	301.0	334.3	637.3	591.1	662.6	592.6	476.5	568.3	390.8
	2000	427.0	278.8	583.7	554.6	706.2	742.7	512.6	476.5	438.6
Similax	1995	0.0	0.0	18.0	26.5	7.5	17.9	20.7	0.0	25.4
	1996	16.6	24.7	19.2	24.6	6.2	16.8	22.8	19.5	0.0
	1997	0.0	45.4	16.9	0.0	9.6	27.9	14.7	16.3	0.0
	1998	12.3	28.3	17.8	25.0	1.2	0.0	19.5	0.0	0.0
	1999	27.2	27.0	17.5	28.5	0.0	0.0	17.3	0.0	25.7
	2000	0.0	0.0	13.3	20.7	6.3	21.2	18.8	6.1	27.1
Spruce 1	1995	114.7	161.2	138.5	235.7	187.4	194.0	155.5	193.0	166.7
	1996	180.5	156.4	204.1	238.4	250.3	181.2	135.7	128.6	113.2
	1997	172.3	185.3	201.1	182.5	182.7	175.4	187.5	179.3	219.6
	1998	97.8	67.0	173.2	218.7	180.0	189.4	168.6	190.3	183.8
	1999	179.4	156.4	280.4	214.1	245.1	208.5	158.6	222.1	212.7
	2000	105.2	82.1	143.3	247.8	234.1	185.7	135.9	97.0	106.7
Spruce 3	1995	57.3	83.2	133.2	104.7	154.4	161.9	182.5	114.1	88.7
	1996	70.1	97.1	97.7	149.5	149.0	100.9	86.5	154.6	99.0
	1997	95.7	66.0	91.7	134.3	113.0	146.9	149.8	151.2	110.9
	1998	64.6	75.8	87.7	97.0	134.5	127.9	133.5	97.3	71.0
	1999	110.2	118.2	178.3	87.7	96.0	145.3	121.7	97.3	88.3
	2000	136.9	68.1	129.6	110.5	60.5	72.1	77.3	67.8	86.2

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Spruce 4	1995	40.5	37.0	71.1	57.2	55.6	28.1	0.0	19.7	34.3
	1996	48.4	30.4	45.6	51.1	84.2	72.6	65.4	51.8	53.7
	1997	66.9	27.4	45.7	52.3	67.8	33.1	75.1	82.2	33.7
	1998	58.5	18.7	52.5	47.0	53.5	77.7	90.7	30.0	35.8
	1999	48.3	29.1	71.8	47.0	52.6	75.6	79.8	49.5	31.1
	2000	36.6	26.3	35.7	54.0	19.5	102.4	90.4	51.7	35.9
Spruce	1995	281.0	385.9	629.7	670.2	612.3	498.2	484.2	428.8	431.4
	1996	330.9	464.2	604.6	547.9	574.7	517.0	425.0	480.1	448.1
	1997	258.8	475.0	524.4	564.1	519.3	372.2	466.9	392.9	395.3
	1998	427.7	312.6	406.2	466.3	502.3	391.2	476.1	469.1	280.4
	1999	437.8	238.3	517.3	437.1	543.5	394.9	276.9	378.5	270.4
	2000	342.5	219.2	466.7	485.6	503.9	423.1	275.3	417.6	273.2
Sumac	1995	188.9	197.3	369.8	340.6	328.6	293.8	310.5	327.5	376.6
	1996	288.4	246.3	314.0	293.5	305.2	233.4	297.5	237.5	213.7
	1997	269.3	208.3	333.9	307.9	355.8	304.8	390.8	245.3	200.2
	1998	215.9	138.9	334.3	290.6	355.1	209.9	293.3	297.3	259.4
	1999	186.1	277.4	378.3	326.6	331.4	230.0	208.9	242.3	210.4
	2000	246.0	280.7	306.4	282.1	293.6	246.7	282.1	278.7	303.4
Tamarack	1995	143.9	115.2	273.7	289.5	353.0	254.4	230.9	213.5	358.8
	1996	202.3	178.7	303.5	326.3	316.5	272.1	206.8	216.8	269.5
	1997	206.8	200.0	271.5	344.1	290.2	206.0	171.2	308.3	280.5
	1998	181.0	62.1	269.9	294.6	316.4	188.3	266.1	210.1	353.5
	1999	205.8	146.0	294.4	281.4	314.2	115.2	189.7	106.7	286.8
	2000	125.8	145.5	228.1	280.6	299.1	174.3	236.7	231.4	245.3
Timothy 1	1995	547.8	618.3	1159.1	1363.5	1014.2	844.6	796.4	807.3	836.4
	1996	642.1	745.6	968.0	1085.8	924.0	887.3	925.3	814.0	859.1
	1997	562.9	804.8	990.7	1041.4	868.0	777.2	809.8	826.6	915.2
	1998	637.0	639.1	882.9	1047.5	950.4	651.2	864.7	645.7	719.7
	1999	861.9	769.1	1098.0	986.2	964.2	758.9	680.2	665.6	605.2
	2000	796.3	685.5	1162.6	1038.5	800.0	595.3	763.1	782.2	689.0
Timothy 2	1995	99.8	136.9	274.2	289.3	210.8	143.0	174.2	130.4	206.1
	1996	145.6	113.7	220.8	254.6	257.3	106.5	182.8	150.6	149.2
	1997	99.8	173.2	174.8	186.1	182.7	145.2	153.0	108.4	190.2
	1998	82.6	56.1	145.2	165.7	196.5	152.8	148.3	128.0	158.7
	1999	159.4	45.6	188.3	177.7	178.9	109.1	132.8	102.0	178.1
	2000	151.3	115.0	157.6	159.7	188.0	107.0	151.6	155.4	115.4
Trifolium 3	1995	413.0	485.2	738.1	896.7	665.9	534.8	568.7	772.4	460.4
	1996	503.4	582.9	797.6	789.4	610.1	511.7	674.9	667.5	477.2
	1997	556.8	516.7	818.5	711.1	686.5	620.3	576.3	691.1	562.6
	1998	504.2	454.3	671.3	814.6	782.7	478.4	660.8	659.0	435.3
	1999	590.1	554.3	935.6	865.8	641.1	592.2	476.2	488.5	399.9
	2000	484.5	443.7	698.9	721.9	714.7	464.8	486.5	507.0	439.8

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Table C- 17: Calculated Minor Drain Flows (including NPDES flows)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vail	1995	120.1	202.3	272.0	251.3	194.8	139.1	236.5	108.5	79.5
	1996	150.4	154.7	295.8	219.5	157.5	259.2	201.0	182.0	166.0
	1997	126.9	198.8	217.5	209.2	259.9	282.5	212.5	266.5	232.3
	1998	134.8	79.5	212.5	246.5	101.0	70.4	201.2	201.4	268.4
	1999	207.9	116.4	188.3	229.6	261.6	240.1	171.6	187.7	229.6
	2000	149.0	125.3	226.3	216.2	206.6	237.0	234.1	211.0	157.5
Wixom	1995	47.5	144.8	189.0	196.4	226.2	250.3	207.2	245.6	187.4
	1996	68.7	165.8	247.3	230.0	180.3	261.6	197.2	176.3	171.5
	1997	46.1	125.3	238.0	224.2	201.6	205.4	243.5	289.1	165.5
	1998	77.8	61.9	169.1	162.0	236.1	176.9	201.4	283.3	229.1
	1999	41.4	76.3	168.4	213.3	266.9	277.8	139.0	172.6	129.4
	2000	68.9	116.9	201.2	242.0	275.1	197.6	298.8	213.4	220.7
Wormwood 7	1995	207.1	230.2	367.5	442.3	441.3	368.4	328.0	367.0	153.7
	1996	199.1	150.8	393.5	359.9	325.0	362.3	317.6	309.9	280.7
	1997	244.6	266.7	335.3	382.1	418.7	331.1	337.1	422.8	174.8
	1998	292.7	176.9	347.6	371.8	393.5	298.7	311.9	235.5	313.4
	1999	360.0	173.8	380.9	387.0	394.1	338.3	334.8	350.7	277.7
	2000	227.8	181.2	324.6	345.7	334.5	334.5	319.7	243.5	204.8

Table C- 18: Calculated TSS Balance

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
New River Flow - Outlet (acre-ft)											
1995	32834.2	33155.6	44578.3	48019.6	46054.0	41771.7	41749.9	39474.9	35345.3	37015.4	29930
1996	30989.6	33710.9	45131.7	46413.0	45992.5	39272.6	37814.7	36154.6	36059.4	35724.2	29871
1997	30743.7	35043.8	47898.6	47067.6	43902.0	39272.6	40335.7	42672.2	43437.8	39413.4	35999
1998	36216.1	34099.7	50973.0	52601.4	45992.5	37785.0	41995.9	43287.1	36059.4	40335.7	35107
1999	36462.0	34210.8	49005.4	48019.6	48390.5	41652.7	40520.2	41135.0	36059.4	40581.7	35999
2000	36523.5	33877.5	44639.8	45520.5	44947.3	39153.6	38245.1	37691.7	34690.8	39106.0	32251
New River TSS - Outlet Average (mg/L)											
	160.0	276.7	273.3	285.0	205.0	240.0	250.0	215.0	380.0	220.0	225.0
New River Outlet Sediment Loading = $\Sigma(QC)$ (Tons / month)											
1995	7143.1	12472.5	16567.4	18608.1	12836.9	13631.2	14191.7	11539.8	18262.2	11072.5	9156.
1996	6741.8	12681.4	16773.1	17985.5	12819.8	12815.6	12854.0	10569.2	18631.2	10686.2	9138.
1997	6688.3	13182.8	17801.4	18239.2	12237.0	12815.6	13711.0	12474.5	22443.5	11789.8	11013
1998	7878.8	12827.6	18944.0	20383.6	12819.8	12330.2	14275.3	12654.2	18631.2	12065.7	10740
1999	7932.3	12869.4	18212.8	18608.1	13488.2	13592.3	13773.7	12025.1	18631.2	12139.2	11013
2000	7945.7	12744.1	16590.3	17639.7	12528.4	12776.8	13000.3	11018.5	17924.1	11697.8	9866.
New River TSS Due to Natural Sources (mg/L)											
	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Natural Source Sediment Loading = $\Sigma(QC)$ (Tons / month)											
1995	446.4	450.8	606.1	652.9	626.2	568.0	567.7	536.7	480.6	503.3	407.
1996	421.4	458.4	613.6	631.1	625.4	534.0	514.2	491.6	490.3	485.7	406.
1997	418.0	476.5	651.3	640.0	596.9	534.0	548.4	580.2	590.6	535.9	489.
1998	492.4	463.6	693.1	715.2	625.4	513.8	571.0	588.6	490.3	548.4	477.
1999	495.8	465.2	666.3	652.9	658.0	566.3	550.9	559.3	490.3	551.8	489.
2000	496.6	460.6	607.0	618.9	611.1	532.4	520.0	512.5	471.7	531.7	438.
New River International Boundary Flows (acre-feet)											
1995	16847.5	12940.1	11682.6	11722.3	13035.3	11424.7	12174.5	9038.6	9044.6	10329.9	9818.
1996	9961.0	11216.5	13035.3	11186.7	14941.4	9877.6	8669.7	8546.7	9699.1	7747.4	6426.
1997	11129.2	11051.9	15248.9	13983.4	12727.9	11008.2	10391.4	12113.0	15233.0	12850.9	12317
1998	15617.8	17882.9	20844.2	19636.3	14203.6	13031.4	13096.8	15740.8	11900.8	12236.0	12376
1999	14634.0	13717.6	17708.4	17791.7	16540.1	14102.4	15556.3	16417.1	12912.3	13650.2	14399
2000	17032.0	14667.7	16417.1	14518.9	14388.0	12971.8	12174.5	12543.4	11067.7	11928.5	11662
New River TSS - International Boundary Average (mg/L)											
	106.5	48.0	34.6	33.6	41.2	37.2	41.8	36.5	50.1	61.0	54.3
New River International Boundary Sediment Loading = $\Sigma(QC)$ (Tons / month)											
1995	2439.6	844.5	549.6	535.5	730.2	577.9	691.9	448.6	616.5	856.8	724.

Table C- 18: Calculated TSS Balance

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1996	1442.4	732.0	613.2	511.1	837.0	499.6	492.7	424.2	661.1	642.6	474.5
1997	1611.6	721.3	717.4	638.8	713.0	556.8	590.6	601.2	1038.4	1065.9	909.4
1998	2261.6	1167.1	980.6	897.1	795.7	659.1	744.4	781.2	811.2	1014.9	913.8
1999	2119.1	895.3	833.1	812.8	926.6	713.3	884.1	814.8	880.2	1132.2	1063.1
2000	2466.3	957.3	772.3	663.3	806.0	656.1	691.9	622.5	754.4	989.4	861.1

Total NPDES Flow (acre-ft)

1995	603.0	510.1	576.0	580.2	564.3	541.7	467.2	605.9	651.7	662.8	608.4
1996	569.1	586.5	589.8	429.7	642.4	592.8	676.4	614.8	661.6	659.4	657.0
1997	705.7	637.7	671.1	475.9	673.6	586.8	626.7	413.3	417.5	476.9	403.7
1998	612.8	552.9	609.3	605.5	609.4	598.7	657.1	662.8	664.1	653.9	581.8
1999	651.9	578.8	618.5	644.8	647.3	633.1	648.2	589.2	604.5	601.6	569.8
2000	599.4	553.7	633.8	642.3	649.9	619.3	647.3	664.2	646.5	678.5	641.3

Monthly Loading (Tons / month)

1995	25.7	27.3	26.6	27.1	33.4	30.9	17.3	22.9	26.3	35.1	27.7
1996	26.7	29.4	33.7	23.6	51.6	43.2	43.0	29.1	35.4	36.7	37.8
1997	31.1	28.5	37.8	28.2	34.0	32.2	24.8	17.7	16.1	25.8	27.0
1998	24.3	25.5	36.2	44.3	32.9	30.5	29.8	26.1	31.2	34.1	29.6
1999	27.0	26.9	24.3	30.0	32.2	25.5	26.5	24.7	28.4	24.3	27.1
2000	25.0	24.0	30.7	29.6	27.4	37.9	29.6	29.1	27.7	30.3	29.3

Total Drain Flows (acre-feet)

1995	15383.7	19705.3	32319.8	35717.2	32454.4	29805.3	29108.2	29830.3	25649.0	26022.8	19503
1996	20459.6	21907.9	31506.6	34796.7	30408.8	28802.1	28468.7	26993.0	25698.6	27317.4	22786
1997	18908.8	23354.3	31978.7	32608.3	30500.5	27677.6	29317.7	30145.9	27787.3	26085.7	23278
1998	19985.5	15663.9	29519.6	32359.6	31179.6	24154.9	28242.0	26883.5	23494.5	27445.9	22148
1999	21176.1	19914.3	30678.6	29583.2	31203.2	26917.3	24315.7	24128.8	22542.5	26329.9	21030
2000	18892.1	18656.2	27588.9	30359.2	29909.3	25562.4	25423.4	24484.1	22976.5	26499.0	19947

Total Drain Sediment Loading = $\Sigma(QC)$ (Tons / year)

1995	4231.3	11149.8	15385.1	17392.6	11447.1	12454.4	12914.8	10531.6	17138.9	9677.3	7997.
1996	4851.3	11461.5	15512.5	16819.8	11305.8	11738.8	11804.2	9624.4	17444.4	9521.1	8220.
1997	4627.6	11956.5	16394.9	16932.2	10893.1	11692.7	12547.2	11275.4	20798.4	10162.2	9587.
1998	5100.6	11171.3	17234.1	18727.0	11365.8	11126.8	12930.2	11258.3	17298.4	10468.2	9319.
1999	5290.4	11482.1	16689.1	17112.4	11871.5	12287.2	12312.1	10626.3	17232.3	10431.0	9433.
2000	4957.7	11302.2	15180.3	16327.9	11083.9	11550.4	11758.8	9854.4	16670.3	10146.5	8537.

Monthly Drain Concentration (mg/L)

1995	202.3	416.1	350.1	358.1	259.4	307.3	326.3	259.7	491.4	273.5	301.6
1996	174.4	384.8	362.1	355.5	273.4	299.8	305.0	262.2	499.2	256.3	265.3
1997	180.0	376.5	377.1	381.9	262.7	310.7	314.8	275.1	550.5	286.5	302.9
1998	187.7	524.5	429.4	425.6	268.1	338.8	336.7	308.0	541.5	280.5	309.5

Table C- 18: Calculated TSS Balance

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1999	183.7	424.0	400.1	425.4	279.8	335.7	372.4	323.9	562.2	291.4	329.9
2000	193.0	445.6	404.7	395.5	272.6	332.3	340.2	296.0	533.6	281.6	314.8

Table C- 19: Major Drain Flows and Loading

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Fig Drain Flows (acre-ft)											
1995	641.0	708.0	938.0	971.0	1060.0	1159.0	1189.0	1180.0	1032.0	804.0	689.0
1996	701.6	690.1	879.5	1001.9	950.3	981.0	945.3	871.2	777.7	774.4	627.8
1997	622.0	626.0	812.4	842.8	972.3	954.5	1002.3	969.9	866.6	887.4	870.2
1998	689.9	599.4	798.2	929.3	974.3	1006.8	976.9	1094.5	961.0	1007.4	920.7
1999	653.0	587.3	874.9	947.5	1037.6	1074.3	1036.6	1050.1	936.0	1114.5	940.0
2000	707.5	696.6	934.4	896.1	1013.6	949.1	974.9	1012.2	819.2	857.7	750.6

Fig Drain $\Sigma Q_i C_i$ (Tons / month)

1995	176.3	400.6	446.5	472.8	373.9	484.3	527.5	416.6	689.6	299.0	282.5
1996	166.4	361.0	433.0	484.3	353.3	399.8	392.0	310.6	527.9	269.9	226.5
1997	152.2	320.5	416.5	437.6	347.3	403.2	429.0	362.8	648.6	345.7	358.4
1998	176.1	427.5	466.0	537.8	355.2	463.8	447.3	458.4	707.6	384.2	387.4
1999	163.1	338.6	475.9	548.1	394.8	490.4	524.9	462.5	715.5	441.5	421.7
2000	185.7	422.0	514.1	481.9	375.6	428.9	450.9	407.4	594.4	328.4	321.3

Greeson Drain Flows (acre-ft)

1995	684.0	1415.0	2529.0	2607.0	2543.0	2436.0	1823.0	2034.0	1530.0	1979.0	1711.
1996	1035.6	1293.0	1999.6	2369.9	2249.5	2194.5	1995.2	1995.8	1899.6	1785.5	1285.
1997	1232.5	1531.7	2348.7	2853.1	2845.9	2474.0	2569.6	2784.2	2252.5	2185.8	1633.
1998	1371.8	1370.2	2788.6	2850.3	2928.2	2441.5	2689.6	2522.8	2243.9	1969.2	1438.
1999	1256.7	1508.7	2463.1	2504.0	3036.5	2635.5	2257.6	2453.8	2220.3	2217.4	1506.
2000	1342.0	1625.7	2367.5	2854.5	3033.8	2501.2	1945.8	2298.9	2126.7	1884.9	1062.

Greeson Drain $\Sigma Q_i C_i$ (Tons /month)

1995	188.1	800.6	1203.9	1269.5	896.9	1017.9	808.8	718.1	1022.4	735.9	701.5
1996	245.6	676.5	984.5	1145.5	836.4	894.4	827.3	711.6	1289.5	622.3	463.9
1997	301.6	784.2	1204.1	1481.5	1016.4	1045.2	1099.7	1041.4	1686.0	851.5	672.7
1998	350.1	977.2	1628.0	1649.5	1067.4	1124.7	1231.4	1056.5	1652.1	751.1	605.2
1999	314.0	869.9	1339.9	1448.4	1155.3	1203.1	1143.1	1080.7	1697.3	878.5	675.9
2000	352.2	984.9	1302.7	1535.2	1124.3	1130.2	900.0	925.3	1543.0	721.7	454.7

Rice Drain Flow (acre-ft)

1995	123.0	149.0	440.0	511.0	521.0	844.0	552.0	580.0	448.0	576.0	116.0
1996	111.1	134.9	268.6	571.2	488.1	638.9	688.9	638.9	534.6	512.1	214.6
1997	133.7	213.0	405.6	498.1	517.1	559.9	649.0	636.5	569.5	453.0	201.5

Table C- 19: Major Drain Flows and Loading

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1998	97.0	113.7	412.2	565.3	614.3	468.7	420.1	602.4	332.2	400.5	163.4
1999	95.4	169.6	391.5	344.1	511.7	644.4	423.9	543.9	476.0	274.3	131.1
2000	46.0	58.3	198.5	281.7	448.1	521.5	449.3	485.2	487.7	314.8	72.6

Rice Drain $\Sigma Q_i C_i$ (Tons / month)

1995	33.8	84.3	209.5	248.8	183.8	352.7	244.9	204.8	299.4	214.2	47.6
1996	26.3	70.6	132.2	276.1	181.5	260.4	285.6	227.8	362.9	178.5	77.4
1997	32.7	109.0	207.9	258.6	184.7	236.5	277.8	238.1	426.3	176.5	83.0
1998	24.8	81.1	240.7	327.1	223.9	215.9	192.3	252.3	244.6	152.8	68.8
1999	23.8	97.8	213.0	199.0	194.7	294.2	214.6	239.5	363.9	108.7	58.8
2000	12.1	35.3	109.2	151.5	166.1	235.6	207.8	195.3	353.8	120.5	31.1

Rice 3 Drain Flow (acre-ft)

1995	754.2	1451.1	2226.0	2353.1	1847.0	2169.2	2120.1	2107.2	1551.0	1606.0	988.0
1996	1033.4	1116.9	1647.8	1903.6	1976.9	2129.1	2075.0	1813.1	1680.2	1523.4	1412.0
1997	1148.7	1531.4	2057.4	2117.5	1984.1	1965.8	2101.5	2035.0	1949.7	1424.2	1444.0
1998	1389.7	977.1	1821.5	1875.7	1927.9	1772.8	1895.8	1886.4	1256.1	1502.0	1014.0
1999	1066.2	1048.7	1391.9	1429.2	1656.7	1680.1	1681.3	1415.3	1152.2	1691.2	1176.0
2000	1095.6	927.4	1305.7	1723.4	1918.2	1679.8	1714.3	1349.1	1160.5	1222.5	846.9

TSS 277.6 362.4 670.0 433.6 374.2 484.0 391.9 691.9 448.8 346.1 291.2

Rice 3 Drain $\Sigma Q_i C_i$ (Tons / month)

1995	207.4	821.1	1059.7	1145.8	651.5	906.4	940.6	743.9	1036.4	597.2	405.1
1996	245.0	584.3	811.3	920.1	735.0	867.8	860.4	646.4	1140.5	531.0	509.0
1997	281.1	784.0	1054.8	1099.5	708.6	830.5	899.4	761.1	1459.4	554.8	595.0
1998	354.7	696.9	1063.4	1085.5	702.8	816.6	868.0	790.0	924.8	572.9	426.8
1999	266.4	604.6	757.2	826.7	630.3	766.9	851.3	623.3	880.8	670.0	527.8
2000	287.5	561.8	718.4	926.9	710.8	759.0	792.9	543.0	842.0	468.1	362.5

Total Major Drain Flow (acre-ft)

1995	2202.2	3723.1	6133.0	6442.1	5971.0	6608.2	5684.1	5901.2	4561.0	4965.0	3504.0
1996	2881.7	3234.9	4795.5	5846.6	5664.8	5943.5	5704.4	5319.0	4892.1	4595.4	3540.0
1997	3136.9	3902.1	5624.1	6311.5	6319.4	5954.2	6322.4	6425.6	5638.3	4950.4	4149.0
1998	3548.4	3060.4	5820.5	6220.6	6444.7	5689.8	5982.4	6106.1	4793.2	4879.1	3536.0
1999	3071.3	3314.3	5121.4	5224.8	6242.5	6034.3	5399.4	5463.1	4784.5	5297.4	3754.0
2000	3191.1	3308.0	4806.1	5755.7	6413.7	5651.6	5084.3	5145.4	4594.1	4279.9	2732.0

TSS 277.6 362.4 670.0 433.6 374.2 484.0 391.9 691.9 448.8 346.1 291.2

Total Major Drain $\Sigma Q_i C_i$ (Tons / month)

1995	605.7	2106.7	2919.5	3137.0	2106.0	2761.3	2521.9	2083.4	3047.7	1846.4	1436.0
1996	683.3	1692.4	2361.1	2826.1	2106.2	2422.4	2365.3	1896.5	3320.8	1601.7	1277.0
1997	767.7	1997.7	2883.4	3277.3	2256.9	2515.4	2705.8	2403.3	4220.2	1928.5	1709.0
1998	905.6	2182.7	3398.1	3600.0	2349.2	2621.0	2738.9	2557.1	3529.1	1861.0	1488.0
1999	767.3	1910.9	2786.0	3022.3	2375.0	2754.5	2734.0	2406.0	3657.5	2098.6	1684.0

Table C- 19: Major Drain Flows and Loading

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
2000	837.4	2004.0	2644.5	3095.5	2376.8	2553.7	2351.6	2070.9	3333.2	1638.8	1169.

Table C- 20: Minor Drain Flows and Loading

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Calculated Minor Drain Flows (acre-ft)											
1995	13181.5	15982.2	26186.7	29275.1	26483.4	23197.2	23424.1	23929.1	21087.9	21057.7	15999
1996	16718.3	17679.1	25053.1	26978.3	23586.9	21907.7	21803.9	20680.5	19919.7	21875.7	18267
1997	14879.3	18338.5	24928.5	24978.8	22844.8	20632.3	21891.8	22677.3	21223.5	20048.7	18227
1998	15716.7	12098.8	22482.8	24665.7	23391.2	17541.2	21412.1	19975.4	18011.1	21574.5	17741
1999	17415.2	15883.9	24244.2	23325.1	24636.5	20637.6	18662.6	18348.8	17546.8	20737.2	17059
2000	15436.6	15089.3	22446.5	24240.0	23091.4	19614.7	20133.2	19170.7	18200.2	21372.2	16492

Calculated Minor Drain Loading = $\Sigma(QC)$ (Tons / month)

1995	3625.5	9043.2	12465.6	14255.6	9341.0	9693.2	10392.9	8448.2	14091.2	7830.9	6560.
1996	3964.2	9249.2	12335.1	13040.6	8769.5	8928.9	9040.7	7373.6	13521.6	7624.5	6589.
1997	3641.5	9388.6	12780.4	12970.5	8158.9	8716.3	9369.1	8481.9	15885.4	7810.3	7507.
1998	4011.1	8628.8	13125.9	14274.4	8526.7	8080.2	9803.2	8365.3	13261.2	8228.8	7465.
1999	4350.9	9158.2	13188.7	13492.4	9373.2	9420.6	9449.7	8080.8	13413.3	8215.3	7652.
2000	4050.9	9141.3	12350.7	13036.8	8557.3	8862.9	9312.0	7715.9	13204.8	8183.4	7058.

Gauged Minor Drain Flows (acre-ft)

1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	859.5	993.9	1658.0	1971.8	1157.0	950.9	960.4	993.5	886.8	846.2	978.3
1997	892.6	1113.7	1426.1	1318.0	1336.3	1091.0	1103.4	1043.0	925.5	1086.6	901.7
1998	720.4	504.6	1216.3	1473.3	1343.8	923.9	847.5	802.1	690.2	992.3	871.0
1999	689.5	716.2	1313.1	1033.3	324.1	245.4	253.7	316.8	211.2	295.3	216.0
2000	264.4	258.8	336.4	363.6	404.2	296.1	205.9	168.0	182.3	846.9	722.6

Gauged Minor Drain Contributions = $\Sigma(QC)$ (Tons / month)

	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	203.8	520.0	816.3	953.1	430.2	387.6	398.2	354.2	602.0	294.9	352.9
1997	218.4	570.2	731.1	684.4	477.3	460.9	472.2	390.1	692.7	423.3	371.4
1998	183.9	359.9	710.1	852.6	489.9	425.6	388.0	335.9	508.2	378.5	366.5
1999	172.3	412.9	714.3	597.7	123.3	112.0	128.5	139.5	161.4	117.0	96.9
2000	69.4	156.8	185.1	195.6	149.8	133.8	95.2	67.6	132.3	324.3	309.3

Total Minor Drain Flows

1995	13181.5	15982.2	26186.7	29275.1	26483.4	23197.2	23424.1	23929.1	21087.9	21057.7	15999
1996	17577.8	18673.0	26711.1	28950.1	24743.9	22858.6	22764.3	21674.0	20806.5	22721.9	19246
1997	15771.9	19452.2	26354.6	26296.8	24181.1	21723.3	22995.2	23720.3	22149.0	21135.3	19129
1998	16437.1	12603.4	23699.1	26139.0	24735.0	18465.1	22259.6	20777.5	18701.3	22566.8	18612
1999	18104.7	16600.1	25557.3	24358.4	24960.6	20883.0	18916.3	18665.6	17758.0	21032.5	17275
2000	15701.0	15348.1	22782.9	24603.6	23495.6	19910.8	20339.1	19338.7	18382.5	22219.1	17214

Total Minor Drain Contributions = $\Sigma(QC)$ (Tons / month)

Table C- 20: Minor Drain Flows and Loading

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1995	3625.5	9043.2	12465.6	14255.6	9341.0	9693.2	10392.9	8448.2	14091.2	7830.9	6560.
1996	4168.0	9769.1	13151.4	13993.7	9199.7	9316.5	9438.9	7727.9	14123.6	7919.5	6942.
1997	3859.9	9958.8	13511.6	13654.9	8636.2	9177.2	9841.3	8872.1	16578.2	8233.7	7878.
1998	4195.0	8988.7	13836.0	15127.1	9016.5	8505.8	10191.2	8701.2	13769.4	8607.3	7831.
1999	4523.1	9571.2	13903.1	14090.1	9496.5	9532.7	9578.1	8220.3	13574.8	8332.3	7749.
2000	4120.3	9298.1	12535.8	13232.3	8707.1	8996.7	9407.3	7783.5	13337.1	8507.7	7368.

Table C- 21: Combined Contribution of In-Stream Erosion and Wind Deposition

Year (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1995	32834.2	33155.6	44578.3	48019.6	46054.0	41771.7	41749.9	39474.9	35345.3	37015.4	29930
1996	30989.6	33710.9	45131.7	46413.0	45992.5	39272.6	37814.7	36154.6	36059.4	35724.2	29871
1997	30743.7	35043.8	47898.6	47067.6	43902.0	39272.6	40335.7	42672.2	43437.8	39413.4	35999
1998	36216.1	34099.7	50973.0	52601.4	45992.5	37785.0	41995.9	43287.1	36059.4	40335.7	35107
1999	36462.0	34210.8	49005.4	48019.6	48390.5	41652.7	40520.2	41135.0	36059.4	40581.7	35999
2000	36523.5	33877.5	44639.8	45520.5	44947.3	39153.6	38245.1	37691.7	34690.8	39106.0	32251

TSS	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
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Natural Source Sediment Loading = $\Sigma(QC)$ (Tons / month)

1995	446.4	450.8	606.1	652.9	626.2	568.0	567.7	536.7	480.6	503.3	407.0
1996	421.4	458.4	613.6	631.1	625.4	534.0	514.2	491.6	490.3	485.7	406.2
1997	418.0	476.5	651.3	640.0	596.9	534.0	548.4	580.2	590.6	535.9	489.5
1998	492.4	463.6	693.1	715.2	625.4	513.8	571.0	588.6	490.3	548.4	477.3
1999	495.8	465.2	666.3	652.9	658.0	566.3	550.9	559.3	490.3	551.8	489.5
2000	496.6	460.6	607.0	618.9	611.1	532.4	520.0	512.5	471.7	531.7	438.5

Table C- 22: Dredging Contribution to Suspended Sediment

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
<u>Dredging Concentration</u>	5000.0		mg/L								
<u>Dredging Time</u>	0.0073										
Dredging Effects											
Total Minor Drain $\Sigma Q_i C_i$ (Tons / month)											
1995	651.7	790.2	1294.8	1447.5	1309.4	1146.9	1158.2	1183.1	1042.7	1041.2	791.1
1996	869.1	923.3	1320.7	1431.4	1223.4	1130.2	1125.5	1071.6	1028.7	1123.4	951.6
1997	779.8	961.8	1303.1	1300.2	1195.6	1074.1	1137.0	1172.8	1095.1	1045.0	945.8
1998	812.7	623.2	1171.8	1292.4	1223.0	913.0	1100.6	1027.3	924.7	1115.8	920.2
1999	895.2	820.8	1263.6	1204.4	1234.1	1032.5	935.3	922.9	878.0	1039.9	854.2
2000	776.3	758.9	1126.5	1216.5	1161.7	984.5	1005.6	956.2	908.9	1098.6	851.1

Dredging Effects

Total Major Drain $\Sigma Q_i C_i$ (Tons / month)

1995	108.9	184.1	303.2	318.5	295.2	326.7	281.0	291.8	225.5	245.5	173.2
1996	142.5	159.9	237.1	289.1	280.1	293.9	282.0	263.0	241.9	227.2	175.1
1997	155.1	192.9	278.1	312.1	312.5	294.4	312.6	317.7	278.8	244.8	205.2
1998	175.4	151.3	287.8	307.6	318.6	281.3	295.8	301.9	237.0	241.2	174.9
1999	151.9	163.9	253.2	258.3	308.7	298.4	267.0	270.1	236.6	261.9	185.0
2000	157.8	163.6	237.6	284.6	317.1	279.4	251.4	254.4	227.1	211.6	135.1